



## METK2 mouse mAb

biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha' subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase		
Reactivity Human; Mouse;Rat  Applications WB  Gene Name MAT2A AMS2 MATA2  Protein Name METK2  Immunogen Synthesized peptide derived from human METK2 AA range: 294-344  Specificity This antibody detects endogenous levels of METK2 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 43kD  Cell Pathway cytosol, methionine adenosyltransferase complex,  Tissue Specificity Detected in kidney.  Function catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methiorine, cofactor:Binds 1 potassium ion per subunit. Coractor:Binds 2 divalent ions per subunit. Magnesium or cobalt., function: Catalyzes the formation of S-adenosyl-L-methionine ions per subunit. Magnesium or cobalt., function: Catalyzes the formation of S-adenosyl-Imethionine ion methionine and ATP., pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine rom L-methionine: step 1/1.,PTM:The alpha's subunit is a post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthetase family, subunit is a post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthetase family. subunit is 4 post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthetase family: subunit is 4 post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthetase	Catalog No	BYmab-11729
Applications  Gene Name  MAT2A AMS2 MATA2  Protein Name  METK2  Immunogen  Synthesized peptide derived from human METK2 AA range: 294-344  Specificity  This antibody detects endogenous levels of METK2 at Human/Mouse/Rat  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Monoclonal, Mouse, IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  43kD  Cell Pathway  Cytosol, methionine adenosyltransferase complex,  Tissue Specificity  Detected in kidney.  Function  catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine. cofactor:Binds 1 potassium on per subunit. Kagnesium or cobalt. function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP. pathway. Amino-acid biosynthesis; S-adenosyl-L-methionile from L-methionine: step 1/1., PTM:The alpha' subunit is a post-translationally modified version of MAT2Asimilarity. Belongs to the AddMet synthetase family. subunit is alpha aubunit is a post-translationally modified version of Cy catalytic alpha subunit is alpha are family. Subunit is alpha subunit is al	Isotype	IgG
Gene Name         MAT2A AMS2 MATA2           Protein Name         METK2           Immunogen         Synthesized peptide derived from human METK2 AA range: 294-344           Specificity         This antibody detects endogenous levels of METK2 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms           Observed Band         43kD           Cell Pathway         cytosol,methionine adenosyltransferase complex,           Function         catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine, cofactor:Binds 1 potassium ion per subunit, cofactor:Binds 2 divident ions per subunit, Magnesium or cobalt, function:Catalyzes the formation of S-adenosyl-L-methionine from methionine and ATP. pathway:Anino-acid biosynthesis; S-adenosyl-L-methionine from L-methionine from L-methionine from L-methionine and path yabunit is a post-translationally modified version of MAT2A, similarity: Belongs to the AdoMet synthetase family. subunit: (alpha subunit is a post-translationally modified version of 2 catalytic alpha subunit is alpha subunit is a post-t	Reactivity	Human; Mouse;Rat
Protein Name METK2  Immunogen Synthesized peptide derived from human METK2 AA range: 294-344  Specificity This antibody detects endogenous levels of METK2 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 43kD  Cell Pathway cytosol, methionine adenosyltransferase complex,  Tissue Specificity Detected in kidney.  Function catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine, cofactor:Binds 1 potassium ion per subunit, cofactor:Binds 2 divalent ions per subunit. Magnesium or coalt, function:Catalyzes the formation of S-adenosyl-L-methionine and ATP., pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha's subunit is a post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthetase family, subunit It delpha subunits (alpha subunits (alpha are composed of 2 catalytic alpha subunits (alpha are catalytic alpha subunits (alpha are catalytic alpha subu	Applications	WB
Immunogen         Synthesized peptide derived from human METK2 AA range: 294-344           Specificity         This antibody detects endogenous levels of METK2 at Human/Mouse/Rat           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Monoclonal, Mouse, IgG           Purification         The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         WB 1:500-2000           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         Observed Band         43kD           Cell Pathway         cytosol,methionine adenosyltransferase complex,           Tissue Specificity         Detected in kidney.           Function         catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine, cofactor:Binds 1 potassium ion per subunit. Magnesium or cobalt, function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Arnino-acid biosynthesis, S-adenosyl-L-methionine istep 1/1.,PTM:The alpha's subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase family. subunit (alpha subunits (alpha subunits (alpha subunits (alpha subunits (alpha subunits)	Gene Name	MAT2A AMS2 MATA2
Specificity This antibody detects endogenous levels of METK2 at Human/Mouse/Rat  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse,lgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 Concentration 1 mg/ml  Purity 290% Storage Stability -20°C/1 year  Synonyms  Observed Band 43kD  Cell Pathway cytosol,methionine adenosyltransferase complex, Tissue Specificity Detected in kidney.  Function  catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine, cofactor:Binds 1 potassium ion per subunit, Loglactor:Binds 2 divalent ions per subunit. Magnesium or cobalt, function: Catalyzes the formation of S-adenosylmethionine from methionine and ATP., pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine ions yer subunit. Magnesium or MAT2A, similarity:Belongs to the AdoMet synthetase family.subunit is a post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthetase family.subunits (alpha agreement)	Protein Name	METK2
Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Monoclonal, Mouse, IgG  Purification  The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  43kD  Cell Pathway  cytosol, methionine adenosyltransferase complex,  Tissue Specificity  Detected in kidney.  Function  catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine, cofactor:Binds 1 potassium ion per subunit. Magnesium or cobalt, function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP., pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine iosynthesis; S-adenosyl-L-methionine in alpha' subunit is a post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthetase familiv. subunit: Heterotetramer composed of 2 catalytic alpha subunits (alpha arfamilism).	Immunogen	Synthesized peptide derived from human METK2 AA range: 294-344
Source       Monoclonal, Mouse,IgG         Purification       The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Observed Band       43kD         Cell Pathway       cytosol,methionine adenosyltransferase complex,         Tissue Specificity       Detected in kidney.         Function       catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine, cofactor:Binds 1 potassium ion per subunit. Magnesium or cobalt, function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine isign 1-methionine; step 1/1,PTM:The alpha' subunit is a post-translationally modified version of MAT2A, similarity:Belongs to the AdoMet synthestase famility, subunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha are familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha are familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha are familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha are familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha are familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha are familysubunits)	Specificity	This antibody detects endogenous levels of METK2 at Human/Mouse/Rat
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Observed Band  Cell Pathway  cytosol,methionine adenosyltransferase complex,  Tissue Specificity  Detected in kidney.  Catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine.,cofactor:Binds 1 potassium ion per subunit.,cofactor:Binds 2 divalent ions per subunit. Magnesium or cobalt.,function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine iosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha' subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha and step 1/1).	Storage Stability	-20°C/1 year
Cell Pathway  Cytosol,methionine adenosyltransferase complex,  Detected in kidney.  Function  Catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine.,cofactor:Binds 1 potassium ion per subunit.,cofactor:Binds 2 divalent ions per subunit. Magnesium or cobalt.,function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha' subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase family.,subunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits (alpha and the composed of 2 catalytic alpha subunits)	Synonyms	
Tissue Specificity  Detected in kidney.  Catalytic activity:ATP + L-methionine + H(2)O = phosphate + diphosphate + S-adenosyl-L-methionine.,cofactor:Binds 1 potassium ion per subunit.,cofactor:Binds 2 divalent ions per subunit. Magnesium or cobalt.,function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha' subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha and step 1/1).	Observed Band	43kD
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S-adenosyl-L-methionine.,cofactor:Binds 1 potassium ion per subunit.,cofactor:Binds 2 divalent ions per subunit. Magnesium or cobalt.,function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha' subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase familysubunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha ar	Tissue Specificity	Detected in kidney.
	Function	S-adenosyl-L-methionine.,cofactor:Binds 1 potassium ion per subunit.,cofactor:Binds 2 divalent ions per subunit. Magnesium or cobalt.,function:Catalyzes the formation of S-adenosylmethionine from methionine and ATP.,pathway:Amino-acid biosynthesis; S-adenosyl-L-methionine biosynthesis; S-adenosyl-L-methionine from L-methionine: step 1/1.,PTM:The alpha' subunit is a post-translationally modified version of MAT2A.,similarity:Belongs to the AdoMet synthetase family.,subunit:Heterotetramer composed of 2 catalytic alpha subunits (alpha and

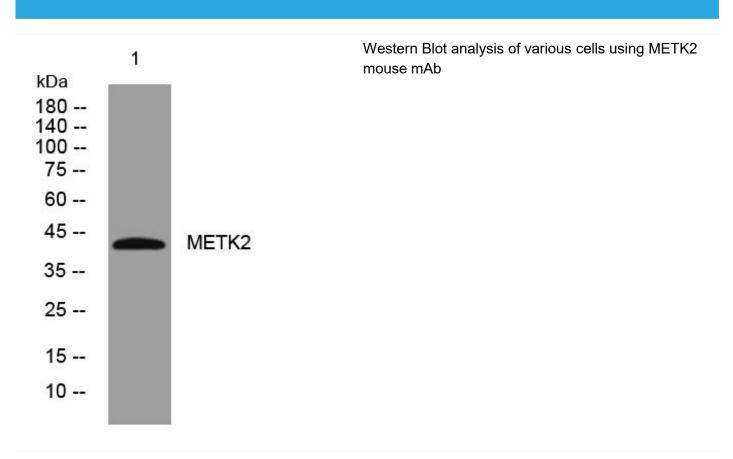
Nanjing BYabscience technology Co.,Ltd





Background	The protein encoded by this gene catalyzes the production of S-adenosylmethionine (AdoMet) from methionine and ATP. AdoMet is the key methyl donor in cellular processes. [provided by RefSeq, Jun 2011],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



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