



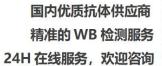
## **ATE1 Monoclonal Antibody**

Catalog No       BYmab-05332         Isotype       IgG         Reactivity       Human;Rat;Mouse;         Applications       WB         Gene Name       ATE1         Protein Name       Arginyl-tRNAprotein transferase 1 (Arginyltransferase 1) (R-transferase 1)         Immunogen       Synthesized peptide derived from human protein . at AA range: 400-480         Specificity       ATE1 Monoclonal Antibody detects endogenous levels of protein.         Formulation       Liquid in PBS containing 50% glycerol, 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       Cell Pathway       [Isoform ATE1-1]: Nucleus . Cytoplasm .; [Isoform ATE1-2]: Cytoplasm .         Tissue Specificity       Embryonic kidney,Testis,         Function       catalytic activity:L-arginyl-tRNA + protein = tRNA + L-arginyl-protein, caution	
Reactivity Human;Rat;Mouse;  Applications WB  Gene Name ATE1  Protein Name Arginyl-tRNAprotein transferase 1 (Arginyltransferase 1) (R-transferase 1) 2.3.2.8) (Arginine-tRNAprotein transferase 1) (R-transferase 1) 1  Immunogen Synthesized peptide derived from human protein . at AA range: 400-480  Specificity ATE1 Monoclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Monoclonal, Mouse, tgG  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 56kD  Cell Pathway [Isoform ATE1-1]: Nucleus . Cytoplasm .; [Isoform ATE1-2]: Cytoplasm .  Tissue Specificity Embryonic kidney,Testis,  Function catalytic activity:L-arginyl-tRNA + protein = tRNA + L-arginyl-proteincaution.	
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uncertain whether Met-1 or Met-37 is the initiator.,function:Involved in the post-translational conjugation of arginine to the N-terminal aspartate or gluta of a protein. This arginylation is required for degradation of the protein via the ubiquitin pathway. Does not arginylate cysteine residues.,PTM:Phosphoryla upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the R-transferase family.,subunit:Monomer .,	ıtamate the
This gene encodes an arginyltransferase, an enzyme that is involved in posttranslational conjugation of arginine to N-terminal aspartate or glutamate residues. Conjugation of arginine to the N-terminal aspartate or glutamate to proteins for ubiquitin-dependent degradation. Alternative splicing results in	targets

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	multiple transcript variants. [provided by RefSeq, Dec 2013],
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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