



# AAAT mouse mAb

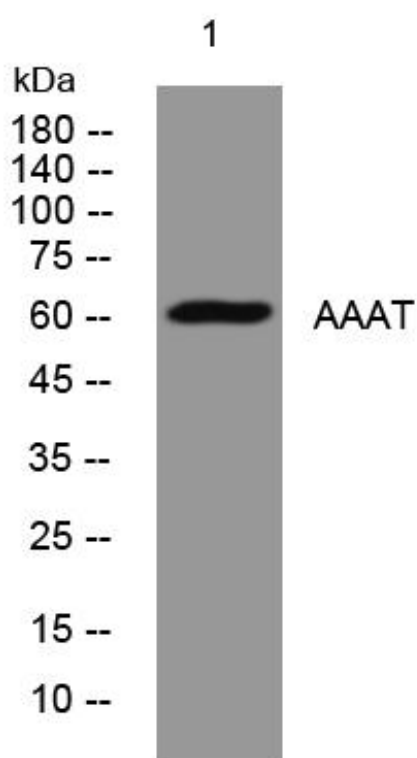
Catalog No	BYmab-12116
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	SLC1A5 ASCT2 M7V1 RDR RDRC
Protein Name	AAAT
Immunogen	Synthesized peptide derived from human AAAT AA range: 345-395
Specificity	This antibody detects endogenous levels of AAAT at Human/Mouse
Formulation	Liquid in 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	60kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
Tissue Specificity	Placenta, lung, skeletal muscle, kidney, pancreas, and intestine.
Function	alternative products:A number of isoforms are produced by alternative initiation. Isoforms start at multiple alternative CUG and GUG codons,function:Has a broad substrate specificity, a preference for zwitterionic amino acids, and a sodium-dependence. It accepts as substrates all neutral amino acids, including glutamine, asparagine, and branched-chain and aromatic amino acids, and excludes methylated amino acids, anionic amino acids, and cationic amino acids. Act as a cell surface receptor for feline endogenous virus RD114, baboon M7 endogenous virus and type D simian retroviruses.,similarity:Belongs to the sodium:dicarboxylate (SDF) symporter (TC 2.A.23) family.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,tissue specificity:Placenta, lung, skeletal muscle, kidney, pancreas, and intestine.,

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<b>Background</b>	The SLC1A5 gene encodes a sodium-dependent neutral amino acid transporter that can act as a receptor for RD114/type D retrovirus (Larriba et al., 2001 [PubMed 11781704]).[supplied by OMIM, Jan 2011],
<b>matters needing attention</b>	Avoid repeated freezing and thawing!
<b>Usage suggestions</b>	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using AAAT mouse mAb