



# AAAT rabbit pAb

<b>Catalog No</b>	YP-Ab-12116
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse; Rat
<b>Applications</b>	WB
<b>Gene Name</b>	SLC1A5 ASCT2 M7V1 RDR RDRC
<b>Protein Name</b>	AAAT
<b>Immunogen</b>	Synthesized peptide derived from human AAAT AA range: 345-395
<b>Specificity</b>	This antibody detects endogenous levels of AAAT at Human/Mouse
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit, IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1: 500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	60kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein . Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
<b>Tissue Specificity</b>	Placenta, lung, skeletal muscle, kidney, pancreas, and intestine.
<b>Function</b>	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.,
<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],

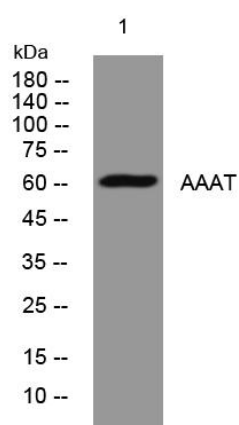
**matters needing attention**

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



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night