

Rabbit SLC1A6 Polyclonal Antibody | anti-SLC1A6 antibody

SLC1A6 Polyclonal Antibody

CATALOG # AAA167150	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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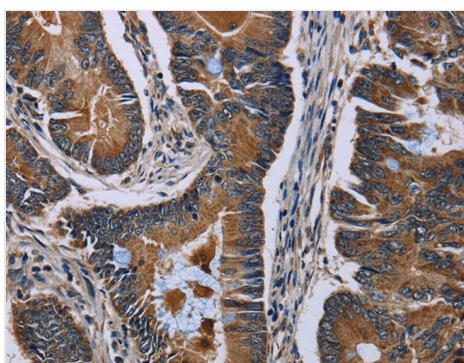
PRODUCT SYNONYMS

SLC1A6; Polyclonal Antibody; SLC1A6 Polyclonal Antibody; EAAT4; anti-SLC1A6 antibody

PRODUCT SPECIFICATIONS

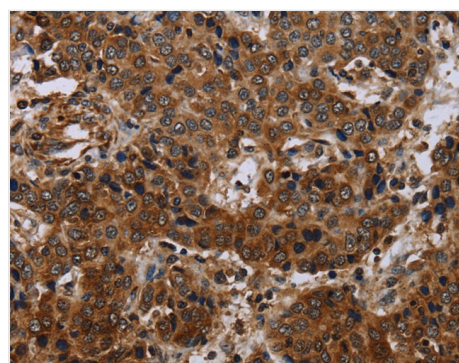
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.4mg/mL (varies by lot)
Sequence Length	312
Applicable Applications for anti-SLC1A6 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human SLC1A6
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



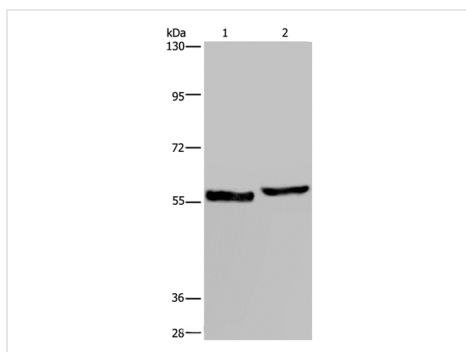
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human colon cancer using SLC1A6 Polyclonal Antibody at dilution of 1:40



IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using SLC1A6 Polyclonal Antibody at dilution of 1:40



WB (Western Blot)

Western Blot analysis of Human testis tissue and A375 cell using SLC1A6 Polyclonal Antibody at dilution of 1:400

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A6 antibody

Excitatory Amino Acid Transporters (EAATs) are membrane-bound proteins that are localized in glial cells and pre-synaptic glutamatergic nerve endings. EAATs transport the excitatory neurotransmitters L-glutamate and D-aspartate, a process that is essential for terminating the postsynaptic action of glutamate. The re-uptake of amino acid neurotransmitters by EAAT proteins has been shown to protect neurons from excitotoxicity, which is caused by the accumulation of amino acid neurotransmitters. EAAT4 is an aspartate/glutamate transporter that is expressed predominantly in the cerebellum. The transport activity encoded by EAAT4 has high apparent affinity for L-aspartate and L-glutamate, and has a pharmacologic profile consistent with previously described cerebellar transport activities. EAAT5 is a glutamate transporter coupled to a chloride conductance which is expressed primarily in retina. Although EAAT5 shares the structural homologies of the EAAT family, a novel feature of the EAAT5 sequence is a carboxy-terminal motif previously identified in N-ethyl-D-aspartate receptors and potassium channels and shown to confer interactions with a family of synaptic proteins that promote ion channel clustering.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71297241
NCBI GeneID	6511
Molecular Weight	34,846 Da
NCBI Official Full Name	SLC1A6 protein
NCBI Official Synonym Full Names	solute carrier family 1 (high affinity aspartate/glutamate transporter), member 6
NCBI Official Symbol	SLC1A6
NCBI Official Synonym Symbols	EAAT4
NCBI Protein Information	excitatory amino acid transporter 4; sodium-dependent glutamate/aspartate transporter; solute carrier family 1 member 6
UniProt Protein Name	Excitatory amino acid transporter 4
UniProt Gene Name	SLC1A6
UniProt Synonym Gene Names	EAAT4
UniProt Entry Name	EAA4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc1a6-antibody-immunohistochemistry-western-blot-elisa/167150>