

Rabbit SLC1A2 Polyclonal Antibody | anti-SLC1A2 antibody

SLC1A2 Antibody

CATALOG # AAA305773	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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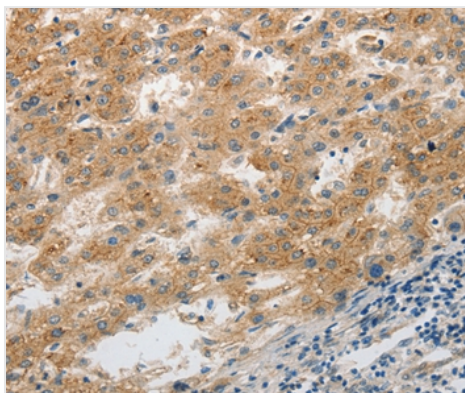
PRODUCT SYNONYMS

SLC1A2; Polyclonal Antibody; SLC1A2 Antibody; EAAT2; GLT-1; anti-SLC1A2 antibody

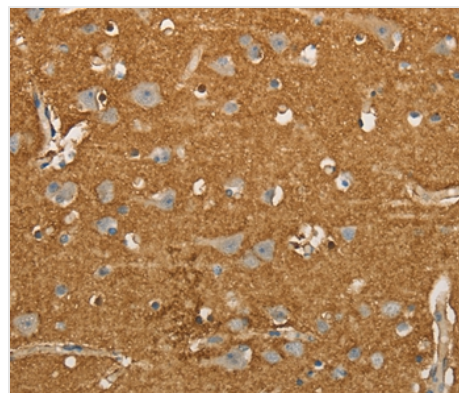
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC1A2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.7 mg/ml (varies by lot)
Sequence Length	565
Applicable Applications for anti-SLC1A2 antibody	IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 1 (glial high affinity glutamate transporter), member 2
Target Name	SLC1A2
Preparation and Storage	Store at -20°C.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/20.


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/20.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A2 antibody	This gene encodes a member of a family of solute transporter proteins. The membrane-bound protein is the principal transporter that clears the excitatory neurotransmitter glutamate from the extracellular space at synapses in the central nervous system. Glutamate clearance is necessary for proper synaptic activation and to prevent neuronal damage from excessive activation of glutamate receptors. Mutations in and decreased expression of this protein are associated with amyotrophic lateral sclerosis. Alternatively spliced transcript variants of this gene have been identified.
Product Categories/Family for anti-SLC1A2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	307746865
NCBI GeneID	6506
NCBI Accession #	NP_001182657.1
NCBI GenBank Nucleotide #	NM_001195728.2
UniProt Accession #	P43004; Q14417; Q541G6; B4DQE9; U3KQQ4
NCBI Official Full Name	excitatory amino acid transporter 2 isoform 2
NCBI Official Synonym Full Names	solute carrier family 1 (glial high affinity glutamate transporter), member 2
NCBI Official Symbol	SLC1A2
NCBI Official Synonym Symbols	HBGT; EAAT2; GLT-1
NCBI Protein Information	excitatory amino acid transporter 2
UniProt Protein Name	Excitatory amino acid transporter 2
UniProt Gene Name	SLC1A2
UniProt Synonym Gene Names	EAAT2; GLT1
UniProt Entry Name	EAA2_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/slc1a2-antibody-immunohistochemistry-elisa/305773>