

Rabbit SLC1A2 Polyclonal Antibody | anti-SLC1A2 antibody

SLC1A2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233971	Rabbit	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

SLC1A2; Polyclonal Antibody; SLC1A2 Antibody; Excitatory amino acid transporter 2; Glutamate/aspartate transporter II; Sodium-dependent glutamate/aspartate transporter 2; Solute carrier family 1 member 2; EAAT2; GLT1; anti-SLC1A2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	565
Applicable Applications for anti-SLC1A2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Excitatory amino acid transporter 2 protein (460-574AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



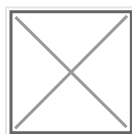
IHC (Immunohistochemistry)

Immunofluorescent analysis of PC3 cells using AAA233971 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA233971 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in: Rat brain tissue, Mouse brain tissueAll lanes: SLC1A2 antibody at 3.2ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 63, 62 KDaObserved band size: 63 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A2 antibody	Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly removing released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium.
Product Categories/Family for anti-SLC1A2 antibody	Neuroscience; Metabolism; Signal transduction

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
Molecular Weight	61,008 Da
NCBI Official Full Name	excitatory amino acid transporter 2 isoform 2
NCBI Official Synonym Full Names	solute carrier family 1 member 2
NCBI Official Symbol	SLC1A2
NCBI Official Synonym Symbols	HBGT; EAAT2; GLT-1; EIEE41
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc1a2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233971>