

Rabbit anti-Human, Rat SLC1A7 Polyclonal Antibody | anti-SLC1A7 antibody

SLC1A7 Antibody

CATALOG # AAA231641	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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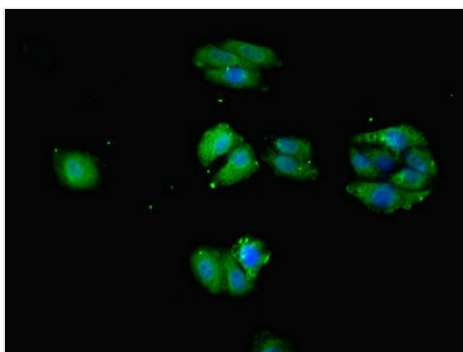
PRODUCT SYNONYMS

SLC1A7; Polyclonal Antibody; SLC1A7 Antibody; Excitatory amino acid transporter 5; Retinal glutamate transporter; Solute carrier family 1 member 7; EAAT5; anti-SLC1A7 antibody

PRODUCT SPECIFICATIONS

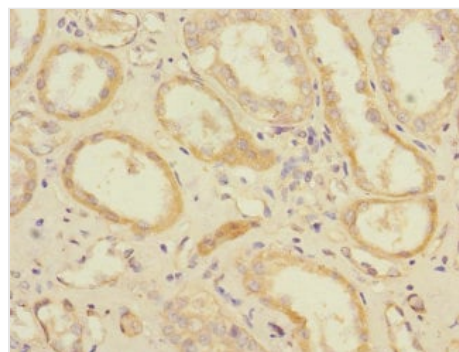
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	158
Applicable Applications for anti-SLC1A7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Excitatory amino acid transporter 5 protein (115-220AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-18779
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



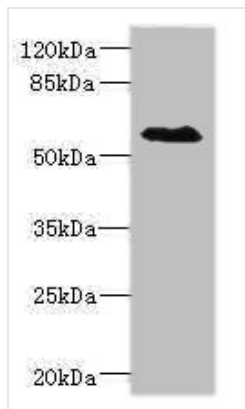
IHC (Immunohistochemistry)

Immunofluorescent analysis of HepG2 cells using AAA231641 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 kidney tissue AAA231641 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: SLC1A7antibody IgG at 1.55ug/ml+ Rat heart tissueSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 61,18 kDaObserved band size: 61 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-SLC1A7 antibody

Transports L-glutamate; the L-glutamate uptake is sodium- and voltage-dependent and chloride-independent. Its associated chloride conductance may participate in visual processing.

NCBI AND UNIPROT INFORMATION

NCBI GI #	567316097
NCBI GeneID	6512
NCBI Accession #	NP_001274525.1
NCBI GenBank Nucleotide #	NM_001287596.1
UniProt Accession #	O00341; Q5VVZ0; Q969Z8; Q9BW45
Molecular Weight	17,383 Da
NCBI Official Full Name	excitatory amino acid transporter 5 isoform 2
NCBI Official Synonym Full Names	solute carrier family 1 member 7
NCBI Official Symbol	SLC1A7
NCBI Official Synonym Symbols	AAAT; EAAT5
NCBI Protein Information	excitatory amino acid transporter 5
UniProt Protein Name	Excitatory amino acid transporter 5
UniProt Gene Name	SLC1A7
UniProt Synonym Gene Names	EAAT5
UniProt Entry Name	EAA5_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/slc1a7-antibody-immunohistochemistry-western-blot-elisa/231641>