Rabbit EAAT3 Monoclonal Antibody | anti-EAAT3 antibody

EAAT3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268776	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

EAAT3; Monoclonal Antibody; EAA3; EAAC 1; EAAT 3; Excitatory amino acid carrier 1; anti-EAAT3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	JU39-69
Form/Format	Pro A affinity purified recombinant rabbit monoclonal IgG in TBS (pH 7.4), 1% BSA, 40% Glycerol.
Applicable Applications for anti-EAAT3 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Species	Recombinant Rabbit Monoclonal Antibody
Immunogen	Recombinant Protein
Preparation and Storage	Store at +4°C after thawing. Aliquot and store at -20°C or -80°C. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-EAAT3 antibody	Sodium-dependent, high-affinity amino acid transporter that mediates L-glutamate and also L-aspartate and D-aspartate. Can also transport L-cysteine. Functons as a symporter that transports one amino acid molecule together with two or three Na+ ions and one proton, in parallel with the counter-transport of one K+ ion. Mediates Cl- flux that is not coupled to amino acid transport; this avoids the accumulation of negative charges due to aspartate and Na+ symport. Plays an important role in L-glutamate and L-aspartate reabsorption in renal tubuli. Plays a redundant role in the rapid removal of released glutamate from the synaptic cleft, which is essential for terminating the postsynaptic action of glutamate. Negatively regulaled by ARL6IP5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66773030
NCBI GeneID	6505
NCBI Accession #	NP_004161.4
NCBI GenBank Nucleotide #	NP_004161.4
UniProt Accession #	P43005; P51906; P51907
Molecular Weight	57 kDa (Predicted)
NCBI Official Full Name	excitatory amino acid transporter 3
NCBI Official Synonym Full Names	solute carrier family 1 member 1

NCBI Official Symbol	SLC1A1
NCBI Official Synonym Symbols	DCBXA; EAAC1; EAAT3; SCZD18
NCBI Protein Information	excitatory amino acid transporter 3
UniProt Protein Name	Excitatory amino acid transporter 3
UniProt Gene Name	**SLC1A1**
UniProt Synonym Gene Names	EAAC1; EAAT3
UniProt Entry Name	EAA3_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://stage.aaabiotech.com/monoclonal/eaat3-antibody-clone-ju39-69-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/268776