

Product Datasheet

EAAT1/GLAST-1/SLC1A3 Antibody NBP1-20135

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 2/10/2023 v.20.1

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NBP1-20135**EAAT1/GLAST-1/SLC1A3 Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Reconstitute in 100 ul of sterile water. Centrifuge to remove any insoluble material. Glycerol may be added (1:1) for additional stability.
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description	
Host	Rabbit
Gene ID	6507
Gene Symbol	SLC1A3
Species	Human
Reactivity Notes	Human. The antigen shares 95% identity with rat and mouse sequence.
Specificity/Sensitivity	EAAT1.
Immunogen	A synthetic peptide from extracellular domain of human Excitatory amino acid transporter 1 (EAAT1, GLAST, GLAST1) conjugated to an immunogenic carrier protein was used as the immunogen.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:300-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500

Publications

Serio A, Bilican B, Barmada SJ et al. Astrocyte pathology and the absence of non-cell autonomy in an induced pluripotent stem cell model of TDP-43 proteinopathy. Proc Natl Acad Sci U S A 2013-02-11 [PMID: 23401527] (ICC/IF, Human)

Gupta K, Patani R, Baxter P et al. Human embryonic stem cell derived astrocytes mediate non-cell-autonomous neuroprotection through endogenous and drug-induced mechanisms. Cell Death and Differentiation. 2011-11-18 [PMID: 22095276]





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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