

# Product Datasheet

## EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free NBP3-05771

Unit Size: 0.1 mg

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

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**NBP3-05771**

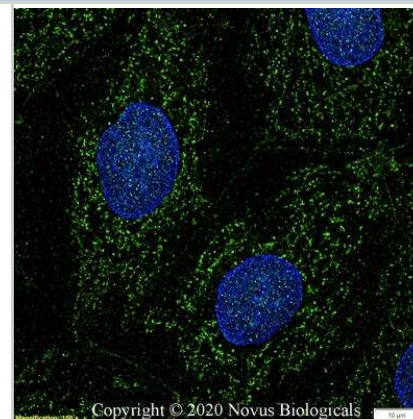
EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Immunogen affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	6507
Gene Symbol	SLC1A3
Species	Human, Mouse
Immunogen	Partial recombinant protein made to an internal portion of the human SLC1A3 protein (between amino acids 100-300) [UniProt P43003]
Product Application Details	
Applications	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 - 2 ug/ml, Flow Cytometry, Immunohistochemistry 1:200, Immunocytochemistry/Immunofluorescence 2 ug/ml, Immunohistochemistry-Paraffin 1:200, Flow (Intracellular)

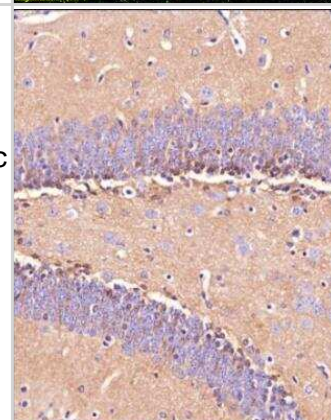


## Images

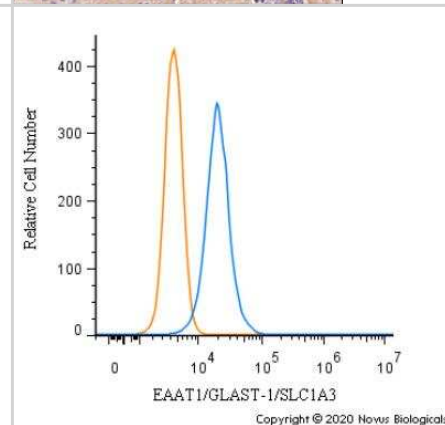
**Immunocytochemistry/Immunofluorescence: EAAT1/GLAST-1/SLC1A3 Antibody [NBP3-05771]** - Caco-2 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with anti-EAAT1/GLAST-1/SLC1A3 Antibody NBP3-05771 at 2 ug/ml overnight at 4C and detected with an anti-rabbit Dylight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 100X objective and digitally deconvolved.



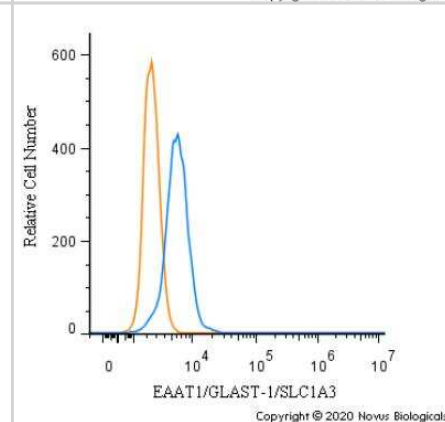
**Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP3-05771]** - Analysis of a FFPE tissue section of mouse brain using 1:200 dilution of SLC1A3 antibody. The staining was developed using HRP labeled anti-rabbit secondary antibody and DAB reagent, and nuclei of cells were counter-stained with hematoxylin. Strong cytoplasmic and membrane reactivity were observed.



**Flow Cytometry: EAAT1/GLAST-1/SLC1A3 Antibody [NBP3-05771]** - An intracellular stain was performed on Hek293 cells with SLC1A3 Antibody NBP3-05771 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1.0 ug/mL for 30 minutes at room temperature, followed by Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (SA5-10033, Thermo Fisher).



**Flow Cytometry: EAAT1/GLAST-1/SLC1A3 Antibody [NBP3-05771]** - An intracellular stain was performed on U937 cells with SLC1A3 Antibody NBP3-05771 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1.0 ug/mL for 30 minutes at room temperature, followed by Rabbit IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (SA5-10033, Thermo Fisher).





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### **Products Related to NBP3-05771**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NB100-1869PEP	EAAT1/GLAST-1/SLC1A3 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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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