

Product Datasheet

EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free NBP1-84940

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 12/2/2025 v.20.1

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NBP1-84940

EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free

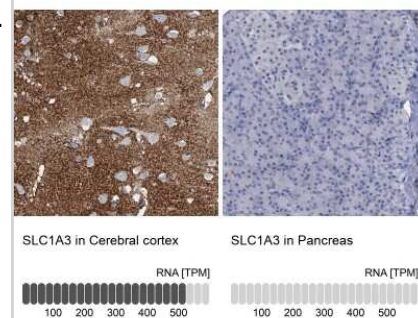
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free (NBP1-84940) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	6507
Gene Symbol	SLC1A3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (89%)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: NGEEPKMGGRMERFQQGVRKRTLLAKKKVQNITKEDVK

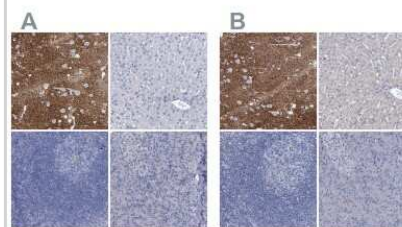
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

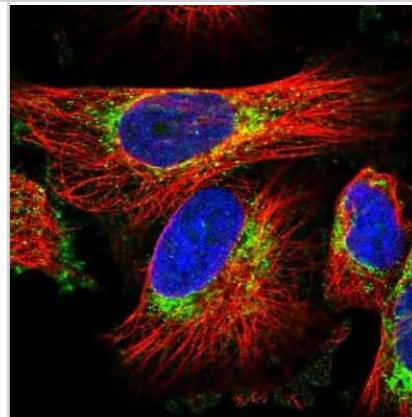
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Analysis in human cerebral cortex and pancreas tissues. Corresponding SLC1A3 RNA-seq data are presented for the same tissues.



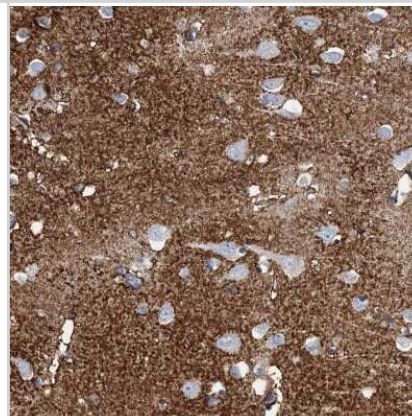
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cerebral cortex, kidney, skeletal muscle and thyroid gland using Anti-PDIA3 antibody (A) NBP1-84940 shows similar protein distribution across tissues to independent antibody NBP1-84939 (B).



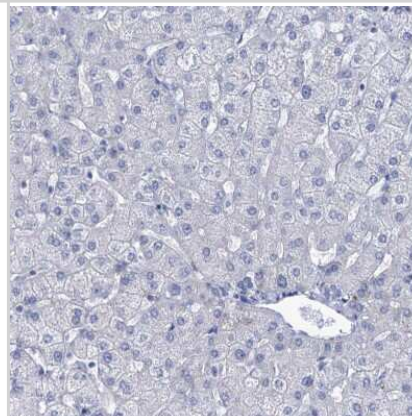
Immunocytochemistry/Immunofluorescence: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



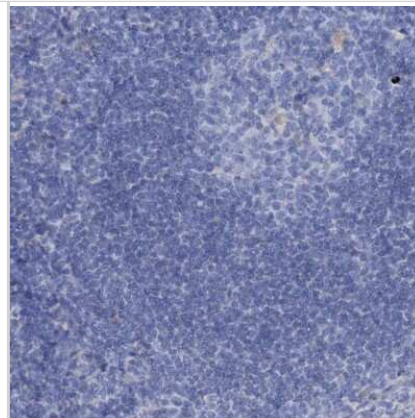
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



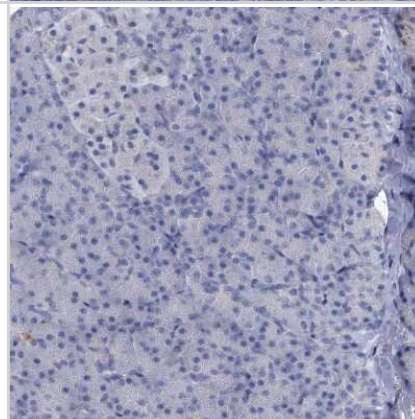
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human liver shows no positivity in hepatocytes.



Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human lymph node shows no positivity in non-germinal center cells.



Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.





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Products Related to NBP1-84940

NBP1-84940PEP	EAAT1/GLAST-1/SLC1A3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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