

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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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 | Immunogen affinity purified |
| Buffer | PBS (pH 7.2) and 40% Glycerol |

Product Description

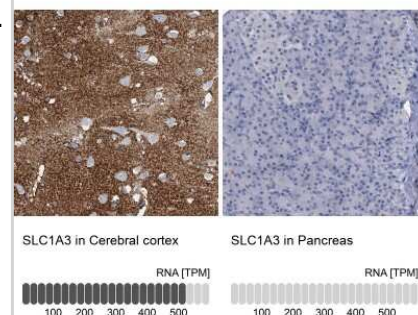
| | |
|-------------------------|--|
| Description | Novus Biologicals Rabbit EAAT1/GLAST-1/SLC1A3 Antibody - BSA Free (NBP1-84940) is a polyclonal antibody validated for use in IHC and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 6507 |
| 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: NGEEPKMGGRMERFQQGVRKRTLAKKKVQNITKEDVK |

Product Application Details

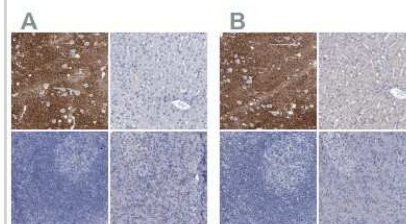
| | |
|------------------------------|---|
| Applications | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 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

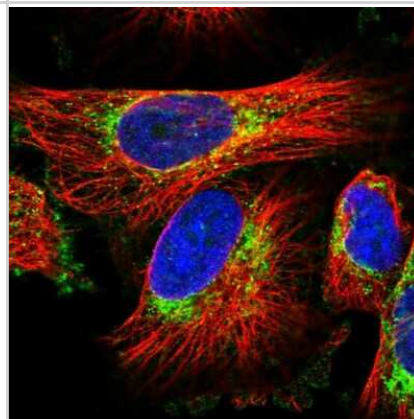
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Analysis in human cerebral cortex and pancreas tissues. Corresponding SLC1A3 RNA-seq data are presented for the same tissues.



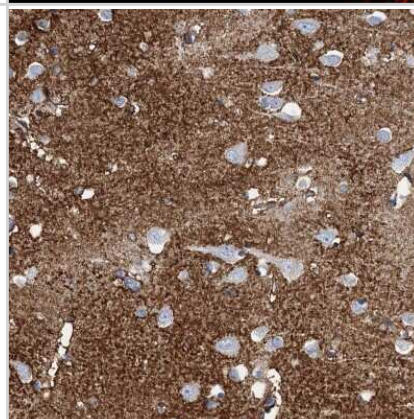
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cerebral cortex, kidney, skeletal muscle and thyroid gland using Anti-PDIA3 antibody (A) NBP1-84940 shows similar protein distribution across tissues to independent antibody NBP1-84939 (B).



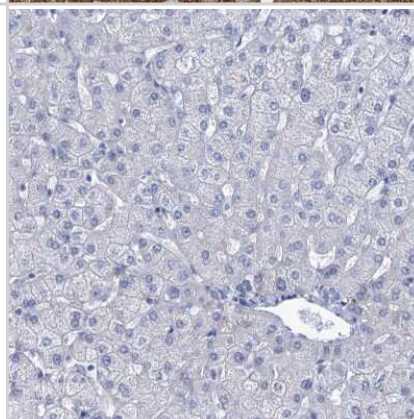
Immunocytochemistry/Immunofluorescence: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cell line U-251 MG shows localization to mitochondria. Antibody staining is shown in green.



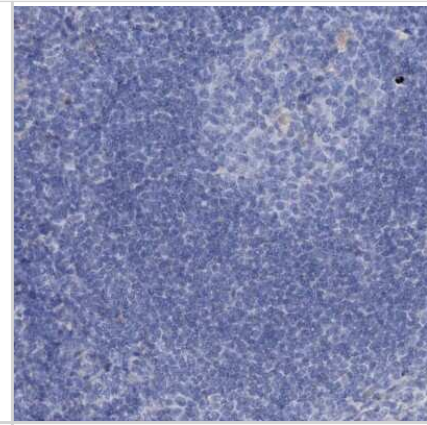
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human cerebral cortex shows strong cytoplasmic positivity in neuropil.



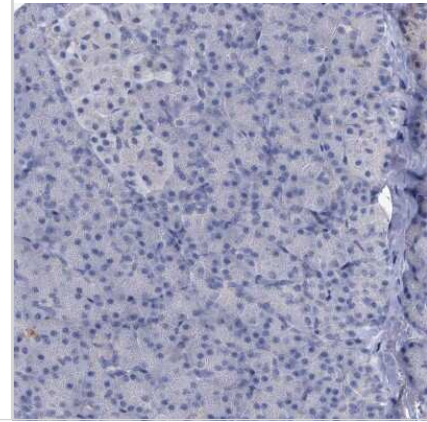
Immunohistochemistry-Paraffin: EAAT1/GLAST-1/SLC1A3 Antibody [NBP1-84940] - Staining of human liver shows no positivity in hepatocytes.



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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