

Product Datasheet

SLC25A13 Antibody - BSA Free

NBP1-89019

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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NBP1-89019

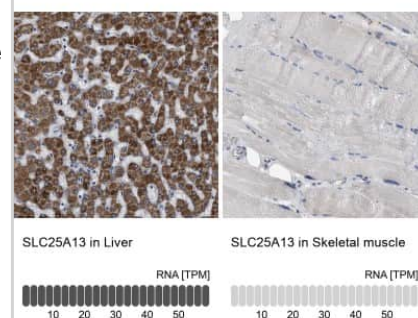
SLC25A13 Antibody - BSA Free

| 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 SLC25A13 Antibody - BSA Free (NBP1-89019) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and Simple Western. Anti-SLC25A13 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 10165 |
| Gene Symbol | SLC25A13 |
| Species | Human, Mouse |
| Reactivity Notes | Mouse reactivity reported in scientific literature (PMID: 31056400). |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: KVALTKRADPAELRTIFLKYASIEKNGEFFMSPNDFVTRYLNIFGESQPNPKTVE LLSGVVDQTKDGLIS |
| Product Application Details | |
| Applications | Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 0.04-0.4 ug/ml, Simple Western, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100. See Simple Western Antibody Database for Simple Western validation: Tested in Liver, separated by Size |

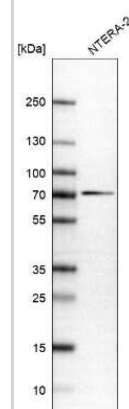


Images

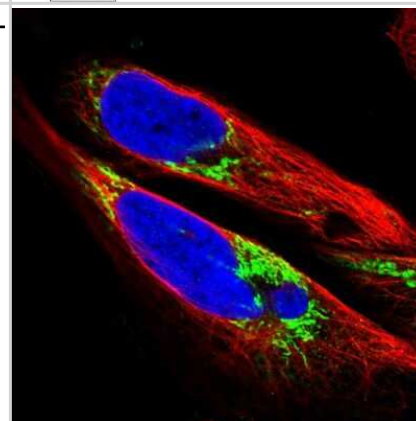
Immunohistochemistry-Paraffin: SLC25A13 Antibody [NBP1-89019] - Analysis in human liver and skeletal muscle tissues using NBP1-89019 antibody. Corresponding SLC25A13 RNA-seq data are presented for the same tissues.



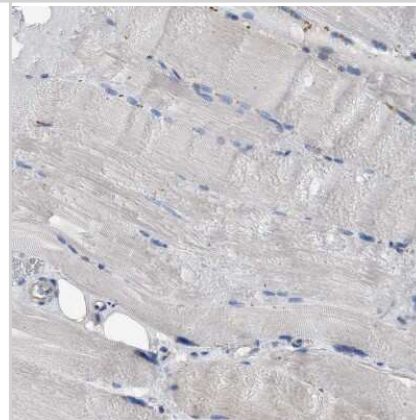
Western Blot: SLC25A13 Antibody [NBP1-89019] - Analysis in human cell line NTERA-2.



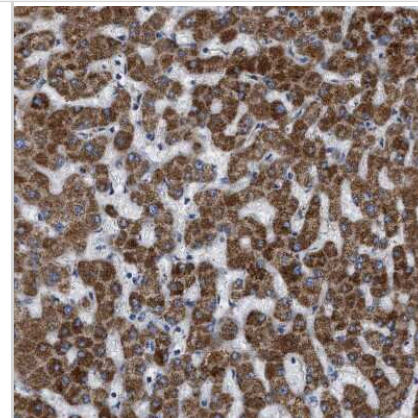
Immunocytochemistry/Immunofluorescence: SLC25A13 Antibody [NBP1-89019] - Staining of human cell line U-2 OS shows localization to mitochondria. Antibody staining is shown in green.



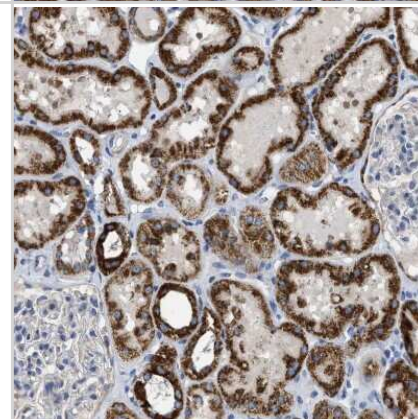
Immunohistochemistry-Paraffin: SLC25A13 Antibody [NBP1-89019] - Staining of human skeletal muscle shows no positivity in myocytes as expected.



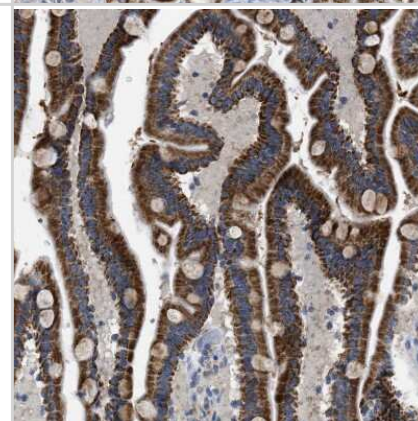
Immunohistochemistry-Paraffin: SLC25A13 Antibody [NBP1-89019] - Staining of human liver shows strong granular cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: SLC25A13 Antibody [NBP1-89019] - Staining of human kidney shows strong granular cytoplasmic positivity in cells in tubules.



Immunohistochemistry-Paraffin: SLC25A13 Antibody [NBP1-89019] - Staining of human duodenum shows strong granular cytoplasmic positivity in glandular cells.



Publications

Yang M, Jin Y, Fan S et al. mRNA Therapy Improves Metabolic and Behavioral Abnormalities in a Murine Model of Citrin Deficiency Mol. Ther. 2019-04-23 [PMID: 31056400] (ICC/IF, Simple Western, Human, Mouse)



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Products Related to NBP1-89019

| | |
|---------------|-----------------------------------------------------|
| NBP1-89019PEP | SLC25A13 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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