

Product Datasheet

MCT8/SLC16A2 Antibody NBP1-89196

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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NBP1-89196**MCT8/SLC16A2 Antibody****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

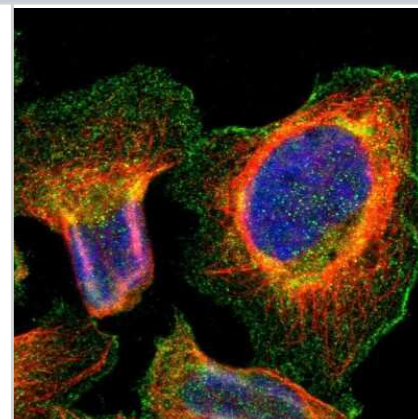
| | |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host | Rabbit |
| Gene ID | 6567 |
| Gene Symbol | SLC16A2 |
| Species | Human, Mouse |
| Immunogen | This antibody was developed against Recombinant Protein corresponding to amino acids: SSRNKYQPQSGSSGPSSHSPPAAMALQSQASEEAKGPWQEADQEQQEPVG SPEPESEPEPEPEPEPEPVPPPEPQPEPQPLPDPAPLPELEFESERVHEPEPT |

Product Application Details

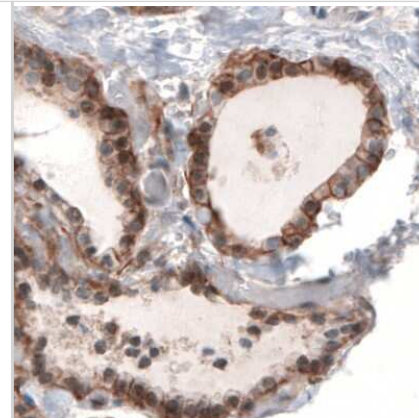
| | |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Applications | Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000 |
| Application Notes | For IHC-Paraffin, HIER pH 6 retrieval method is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100. |

Images

Immunocytochemistry/Immunofluorescence: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human cell line U-2 OS shows positivity in plasma membrane. Antibody staining is shown in green.



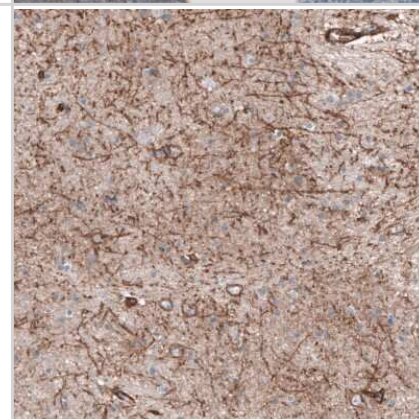
Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human thyroid gland shows moderate to strong membranous positivity in glandular cells.



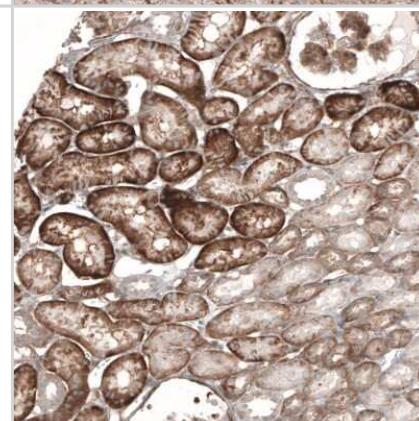
Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of mouse circumventricular organs shows moderate to strong membranous positivity.



Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human cerebral cortex shows moderate positivity.



Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human kidney shows strong positivity in cells in tubules.



Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human liver shows moderate to strong membranous positivity in hepatocytes.



Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human skeletal muscle shows weak positivity in striated muscle fibers.



Publications

Wirth EK, Sheu SY, Chiu-Ugalde J et al. Monocarboxylate transporter 8 deficiency: altered thyroid morphology and persistent high triiodothyronine/thyroxine ratio after thyroidectomy. Eur J Endocrinol 2011-10-01 [PMID: 21813593]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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