

# 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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### Publications: 1

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Updated 10/12/2021 v.20.1

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**NBP1-89196**

MCT8/SLC16A2 Antibody

**Product Information**

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

**Product Description**

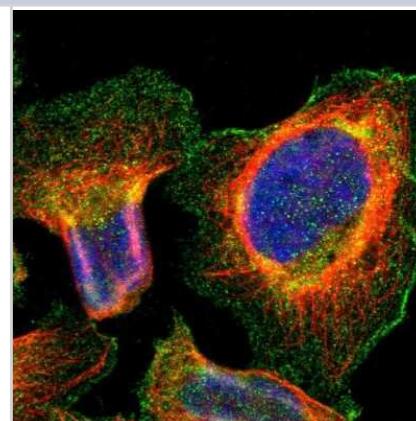
<b>Host</b>	Rabbit
<b>Gene ID</b>	6567
<b>Gene Symbol</b>	SLC16A2
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	This antibody was developed against Recombinant Protein corresponding to amino acids: SSRNKYQPQSGSSGPSSHSPPAAMALQSQASEEAKGPWQEADQQEQEPVG SPEPESEPEPEPEPEPEPVPVPPPPEPQPEPQPLPDPAPLPELEFESERVHEPEPT

**Product Application Details**

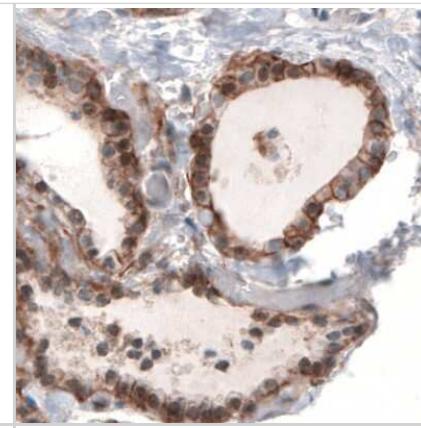
<b>Applications</b>	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
<b>Application Notes</b>	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.



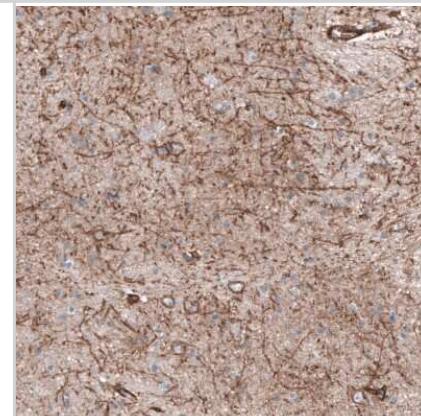
Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human thyroid gland shows moderate to strong membranous positivity in glandular cells.



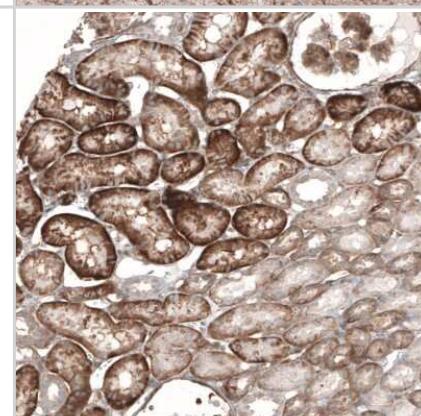
Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of mouse circumventricular organs shows moderate to strong membranous positivity.



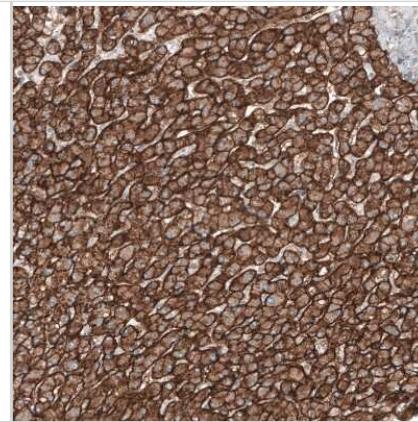
Immunohistochemistry-Paraffin: MCT8/SLC16A2 Antibody [NBP1-89196] - Staining of human cerebral cortex shows moderate positivity.



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]



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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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