

# Product Datasheet

## MCT1/SLC16A1 Antibody - BSA Free NBP1-89574

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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**NBP1-89574**

MCT1/SLC16A1 Antibody - BSA Free

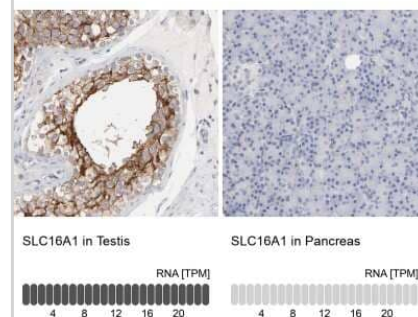
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium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

Product Description	
Host	Rabbit
Gene ID	6566
Gene Symbol	SLC16A1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PTKAGKDKSKASLEKAGKSGVKKDLHDANTDLIGRHPKQEKRVSFQTINQFLDL TLFTHRGF

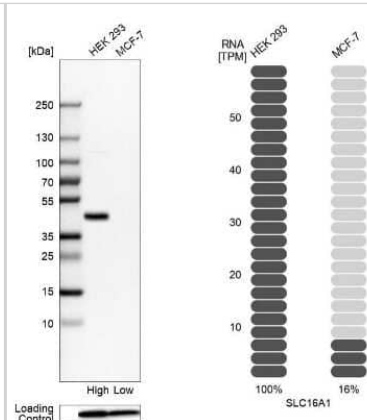
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500-1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

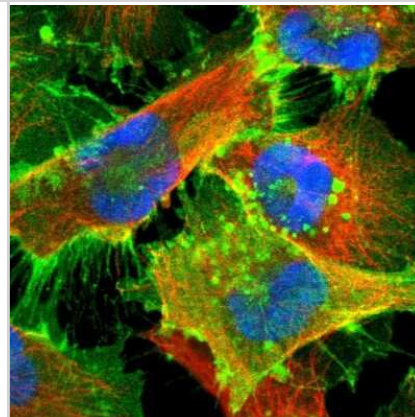
Immunohistochemistry-Paraffin: MCT1/SLC16A1 Antibody [NBP1-89574] - Staining in human testis and pancreas tissues using NBP1-89574 antibody. Corresponding SLC16A1 RNA-seq data are presented for the same tissues.



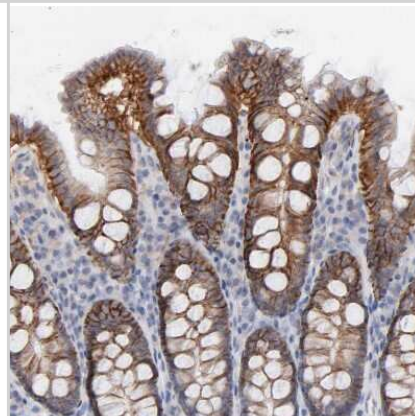
Western Blot: MCT1/SLC16A1 Antibody [NBP1-89574] - Analysis in human cell lines HEK293 and MCF-7 using anti-SLC16A1 antibody. Corresponding SLC16A1 RNA-seq data are presented for the same cell lines. Loading control: anti-PFN1.



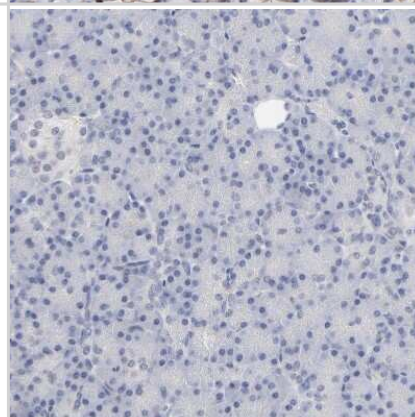
Immunocytochemistry/Immunofluorescence: MCT1/SLC16A1 Antibody [NBP1-89574] - Staining of human cell line U-251 MG shows localization to plasma membrane. Antibody staining is shown in green.



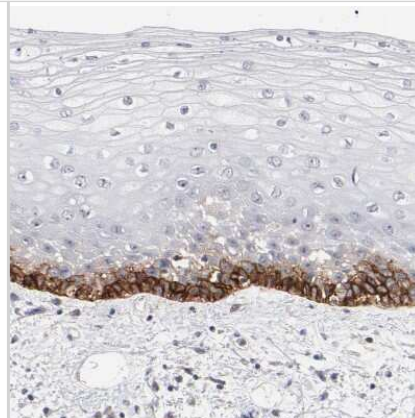
Immunohistochemistry-Paraffin: MCT1/SLC16A1 Antibody [NBP1-89574] - Staining of human colon shows strong membranous positivity in glandular cells.



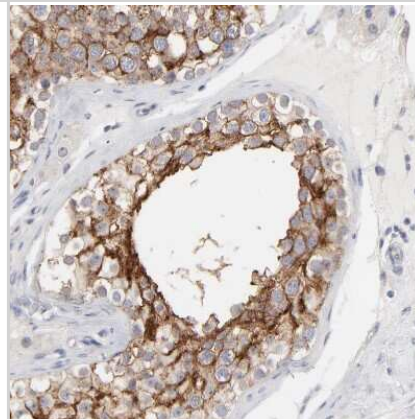
Immunohistochemistry-Paraffin: MCT1/SLC16A1 Antibody [NBP1-89574] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Immunohistochemistry-Paraffin: MCT1/SLC16A1 Antibody [NBP1-89574] - Staining of human skin shows strong membranous positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: MCT1/SLC16A1 Antibody [NBP1-89574] - Staining of human testis shows strong membranous positivity in cells in seminiferous ducts.





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### **Products Related to NBP1-89574**

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NBP1-89574PEP	MCT1/SLC16A1 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

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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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