

SLC16A1 antibody

Catalog No: #38537

Package Size: #38537-1 50ul #38537-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	SLC16A1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total SLC16A1 protein.
Immunogen Type	Peptide
Immunogen Description	A synthetic peptide of human SLC16A1.
Target Name	SLC16A1
Other Names	MCT; HHF7; MCT1
Accession No.	Swiss-Prot#: P53985NCBI Gene ID: 6566
SDS-PAGE MW	54kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

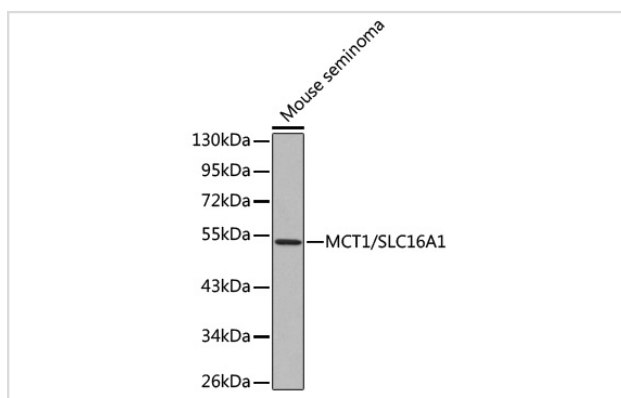
Application Details

Western blotting: □ 1:1000 - 1:2000

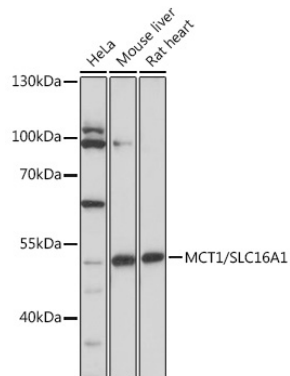
Immunohistochemistry: □ 1:50 - 1:200

IF 1:50 - 1:200

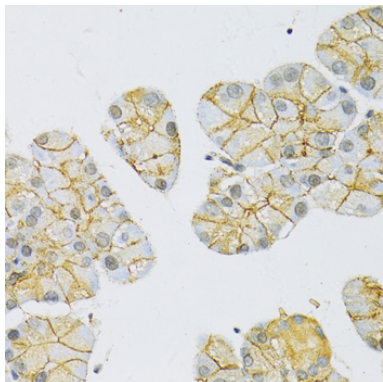
Images



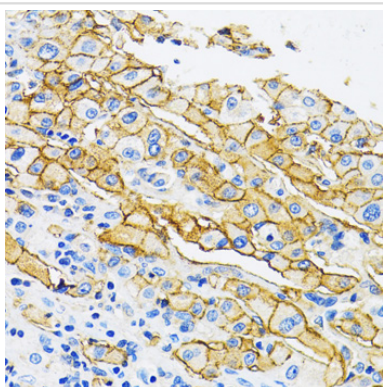
Western blot analysis of extracts of mouse seminoma, using MCT1/SLC16A1 antibody.



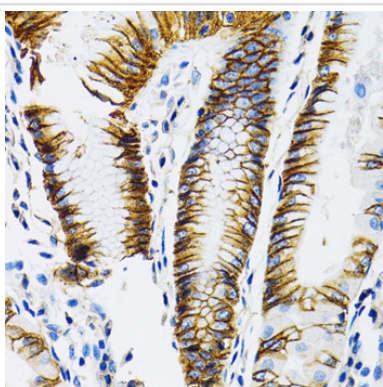
Western blot analysis of extracts of various cells, using MCT1/SLC16A1 antibody at 1:1000 dilution.



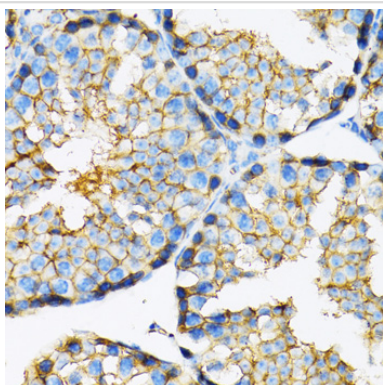
Immunohistochemistry of paraffin-embedded rat pancreas using MCT1/SLC16A1 antibody at dilution of 1:100 (40x lens).



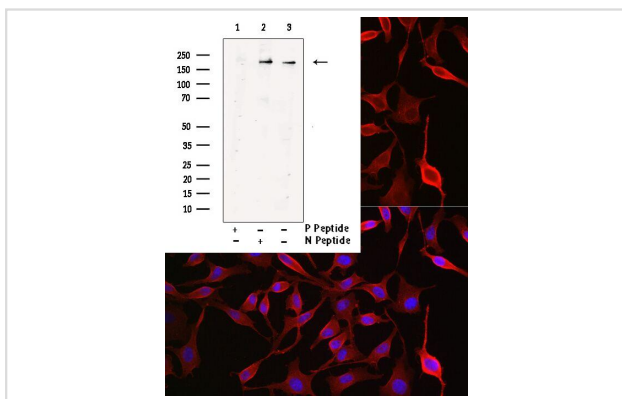
Immunohistochemistry of paraffin-embedded human liver cancer using MCT1/SLC16A1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using MCT1/SLC16A1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using MCT1/SLC16A1 antibody at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using MCT1/SLC16A1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Background

The protein encoded by this gene is a proton-linked monocarboxylate transporter that catalyzes the movement of many monocarboxylates, such as lactate and pyruvate, across the plasma membrane. Mutations in this gene are associated with erythrocyte lactate transporter defect. Alternatively spliced transcript variants have been found for this gene.

Published Papers

el at., Maternal exposure to CeO₂NPs derails placental development through trophoblast dysfunction mediated by excessive autophagy activation. In J Nanobiotechnology on 2022 Mar 15 by Zhuxiu Chen, Yanqing Geng, et al..PMID:35292031, , (2022)

[PMID:35292031](https://pubmed.ncbi.nlm.nih.gov/35292031/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.