SLC16A4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLC16A4, Polyclonal Antibody
Full Product Name	SLC16A4 Rabbit pAb
Product Gene Name	anti-SLC16A4 antibody
Product Synonym Names	MCT4; MCT5
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	35kDa; 42kDa; 46kDa; 49kDa; 54kDa
OMIM	603878
3D Structure	ModBase 3D Structure for O15374
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 250-350 of human SLC16A4 (NP_004687.1).
Cellular Localization	Cell Membrane, Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SLC16A4 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Application Notes for anti-SLC16A4 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Related Product Information for anti-SLC16A4 antibody	Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate.
Other Notes	Small volumes of anti-SLC16A4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SLC16A4 purchase	MBS8549633 is an antibody targeting SLC16A4. Also known as SLC16A4 Rabbit pAb. Reactive in Human, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC16A4. It may not necessarily be applicable to this product.

NCBI GI #	6225706
NCBI Accession #	O15374.1

UniProt Primary Accession #	O15374
NCBI Official Full Name	Monocarboxylate transporter 5
UniProt Protein Name	Monocarboxylate transporter 5
UniProt Synonym Protein Names	Monocarboxylate transporter 4; MCT 4; Solute carrier family 16 member 4
Protein Family	Monocarboxylate transporter
UniProt Gene Name	SLC16A4
UniProt Synonym Gene Names	MCT4; MCT5; MCT 5; MCT 4
UniProt Entry Name	MOT5_HUMAN
UniProt Comments for SLC16A4	SLC16A4: Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate. Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family. Protein type: Membrane protein, multi-pass; Membrane protein, integral Chromosomal Location of Human Ortholog: 1p13.3 Cellular Component: membrane; integral to plasma membrane; integral to membrane Molecular Function: monocarboxylic acid transmembrane transporter activity; symporter activity Biological Process: monocarboxylic acid transport
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