SLC16A1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLC16A1, Polyclonal Antibody
Full Product Name	SLC16A1 (Monocarboxylate Transporter 1, MCT 1, Solute Carrier Family 16 Member 1, MCT1, FLJ36745, MGC44475) (MaxLight 490)
Product Gene Name	anti-SLC16A1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human SLC16A1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	54kDa
Chromosome Location	Chromosome: 1; NC_000001.10 (113454469..113498975, complement). Location: 1p12
OMIM	245340
3D Structure	ModBase 3D Structure for P53985
Immunogen	Full length human SLC16A1, aa1-500 (P53985).
Immunogen Sequence	MPPAVGGPVGYTPPDGGWGWAVVIGAFISIGFSYAFPKSITVFFKEIEGIFHATTSEVSWISSIMLAVMYGGGPISSILVNKYGSRIVMIVGGCLSGCGLIAAS
Conjugate	MaxLight490
Note	Preservative Free
Product Categories/Family for anti-SLC16A1 antibody	Antibodies; Ion Channel
Applications Tested/Suitable for anti-SLC16A1 antibody	Western Blot (WB)
Application Notes for anti-SLC16A1 antibody	Applications are based on unconjugated antibody.

Related Product Information for anti-SLC16A1 antibody	Proton-linked monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, py
Other Notes	Small volumes of anti-SLC16A1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nec
Searchable Terms for SLC16A1 purchase	MBS6394251 is an antibody targeting SLC16A1. Also known as SLC16A1 (Monocarboxylate Transporter 1, MCT 1, Solute Carrier Family 16 Member 1

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC16A1. It may not necessarily be applicable to this product.

NCBI GI #	262073007
NCBI GeneID	6566
NCBI Accession #	NP_001159968.1
UniProt Primary Accession #	P53985
UniProt Secondary Accession #	Q5T8R6; Q9NSJ9
UniProt Related Accession #	P53985
GenBank Nucleotide #	NM_003051.2
NCBI Official Full Name	monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 16 (monocarboxylate transporter), member 1
NCBI Official Symbol	SLC16A1
NCBI Official Synonym Symbols	MCT; HHF7; MCT1
UniProt Protein Name	Monocarboxylate transporter 1
UniProt Synonym Protein Names	Solute carrier family 16 member 1
Protein Family	Monocarboxylate transporter
UniProt Gene Name	SLC16A1
UniProt Synonym Gene Names	MCT1; MCT 1
UniProt Entry Name	MOT1_HUMAN
NCBI Protein Information	monocarboxylate transporter 1; MCT 1; solute carrier family 16 member 1; solute carrier family 16 (monocarboxylic acid transporters), member 1; solute carrier family 16, member 1 (monocarboxylic acid transporter 1)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.

Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/slc16a1/6394251