

MaxPab®

SLC16A3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009123-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SLC16A3 protein.
Immunogen	SLC16A3 (ADR83188.1, 1 a.a. ~ 465 a.a) full-length human protein.
Sequence	MGGAVVDEGPTGVKAPDGGWGWAVLFGCFVITGFSYAFPKAVSVFFKELIQEFGIGYSDTAWISS ILLAMLYGTGPLCSVCVNRFGCRPVMLVGGLFASLGMVAASFCSIQVYLTTGVITGLGLALNFQP SLIMLNRYFSKRRPMANGLAAAGSPVFLCALSPLGQLLQDRYGWRGGFLILGGLLLNCCVCAALM RPLVVTAQPGSGPPRPSRRLDLSVFRDRGFVLYAVAASVMVLGLFVPPVFVVSYAKDLGVPDT KAAFLLTILGFIDIFARPAAGFVAGLGKVRPYSVYLFSSMFFENGLADLAGSTAGDYGGLVVFCIFF GISYGMVGALQFEVLMAMGTHKFSSAIGLVLLMEAVAVLVGPPSGGKLLDATHVYMYVFILAGAE VLTSSLILLLLGNFFCIRKKPKPEQPVEAAAEKHLKPPADSGVDLREVEHFLKAEPEKNGEVVH TPETSV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (88); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — SLC16A3

Entrez GeneID [9123](#)

GeneBank Accession# [HQ258434.1](#)

Protein Accession# [ADR83188.1](#)

Gene Name SLC16A3

Gene Alias MCT3, MCT4, MGC138472, MGC138474

Gene Description solute carrier family 16, member 3 (monocarboxylic acid transporter 4)

Omim ID [603877](#)

Gene Ontology [Hyperlink](#)

Gene Summary Lactic acid and pyruvate transport across plasma membranes is catalyzed by members of the proton-linked monocarboxylate transporter (MCT) family, which has been designated solute carrier family-16. Each MCT appears to have slightly different substrate and inhibitor specificities and transport kinetics, which are related to the metabolic requirements of the tissues in which it is found. The MCTs, which include MCT1 (SLC16A1; MIM 600682) and MCT2 (SLC16A7; MIM 603654), are characterized by 12 predicted transmembrane domains (Price et al., 1998 [PubMed 9425115]).[s applied by OMIM

Other Designations monocarboxylate transporter 3|monocarboxylate transporter 4|solute carrier family 16 (monocarboxylic acid transporters), member 3|solute carrier family 16, member 3

Disease

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