

DNAPAb

Hard-to-Find
Antibody

SLC16A3 DNAPAb

Catalog # H00009123-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SLC16A3 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	SLC16A3 (ADR83188.1, 2 a.a. ~ 465 a.a) Full-length human DNA
Sequence	GGAVVDEGPTGVKAPDGGWGWAVLFGCFVITGFSYAFPKAVSVFFKELIQEFGIGYSDTAWISSIL LAMLTYGTGPLCSVCVNRFGCRPVMLVGGLFASLGMVAASFCSRISIQVYLTTGVITGLGLALNFQPS LIMLNRYFSKRPMANGLAAAGSPVFLCALSPLGQLLQDRYGWRGGFLILGGLLNCCVCAALMR PLVVTAQPGSGPPRPSRRLLDLSVFRDRGFVLYAVAASVMVLGLFVPPVFVVSYAKDLGVPDTK AAFLLTILGFIDIFARPAAGFVAGLGKVRPYSVYLFSSMFFENGLADLAGSTAGDYGGLVVFCIFFGI SYGMVGALQFEVLMANVGTHKFSSAIGLVLLMEAVAVLVGPPSGGKLLDATHVYMYVFILAGAEVL TSSLILLGNFFCIRKKPKEPQPEVAAAEEEEKLHKPPADSGVDLREVEHFLKAEPEKNGEVVHTP ETSV
Host	Rabbit
Reactivity	Human
Purification	Protein A
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](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

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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- [Diabetes Mellitus](#)
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