

Rabbit SLC16A3 Polyclonal Antibody | anti-SLC16A3 antibody

SLC16A3 Antibody

CATALOG # AAA304660	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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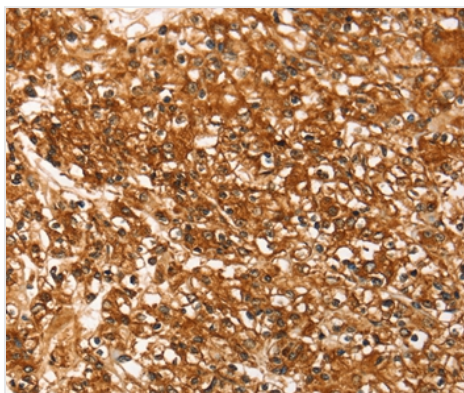
PRODUCT SYNONYMS

SLC16A3; Polyclonal Antibody; SLC16A3 Antibody; MCT3; MCT4; MCT 3; MCT 4; MCT-3; MCT-4; anti-SLC16A3 antibody

PRODUCT SPECIFICATIONS

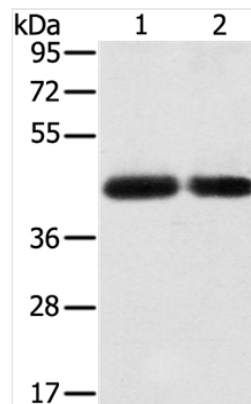
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC16A3 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2 mg/ml (varies by lot)
Sequence Length	465
Applicable Applications for anti-SLC16A3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human solute carrier family 16 (monocarboxylate transporter), member 3
Target Name	SLC16A3
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue using AAA304660 at dilution 1/30.



Application Data

Gel: 8% SDS-PAGE Lysates (from left to right): PC3 and hepg2 cell Amount of lysate: 40ug per lane Primary antibody: 1/200 dilution Secondary antibody dilution: 1/8000 Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A3 antibody	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.
Product Categories/Family for anti-SLC16A3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	109288012
NCBI GeneID	9123
NCBI Accession #	NP_004198
NCBI GenBank Nucleotide #	NM_001042422.2
UniProt Accession #	O15427; Q2M1P8; B3KXG8
Molecular Weight	SDS-PAGE MW: 49kd
NCBI Official Full Name	monocarboxylate transporter 4
NCBI Official Synonym Full Names	solute carrier family 16 (monocarboxylate transporter), member 3
NCBI Official Symbol	SLC16A3
NCBI Official Synonym Symbols	MCT3; MCT4; MCT 3; MCT 4; MCT-3; MCT-4
NCBI Protein Information	monocarboxylate transporter 4
UniProt Protein Name	Monocarboxylate transporter 4
UniProt Gene Name	SLC16A3
UniProt Synonym Gene Names	MCT4; MCT 4
UniProt Entry Name	MOT4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/slc16a3-antibody-immunohistochemistry-western-blot-elisa/304660>