

Rabbit anti-Human SLC16A7 Polyclonal Antibody | anti-SLC16A7 antibody

SLC16A7 Antibody

CATALOG # AAA301383	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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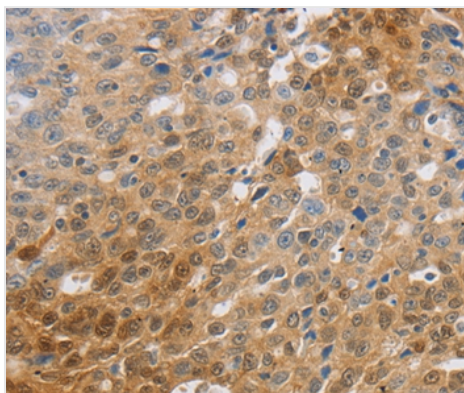
PRODUCT SYNONYMS

SLC16A7; Polyclonal Antibody; SLC16A7 Antibody; MCT2; anti-SLC16A7 antibody

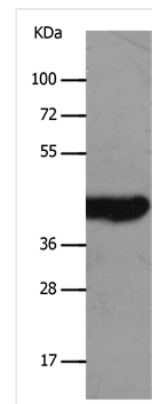
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total SLC16A7 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	2.4 mg/ml (varies by lot)
Sequence Length	478
Applicable Applications for anti-SLC16A7 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, member 7 (monocarboxylic acid transporter 2)
Target Name	SLC16A7
Preparation and Storage	Store at -20 degree C

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human ovarian cancer tissue using at dilution 1/70.


Application Data

Gel: 10+12%SDS-PAGE Lysate: 30ug A549 cell Primary antibody: 1/1200 dilution Secondary antibody dilution: 1/8000 Exposure time: 40 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A7 antibody	This gene is a member of the monocarboxylate transporter family. Members in this family transport metabolites, such as lactate, pyruvate, and ketone bodies. The protein encoded by this gene catalyzes the proton-linked transport of monocarboxylates and has the highest affinity for pyruvate. This protein has been reported to be more highly expressed in prostate and colorectal cancer specimens when compared to control specimens. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-SLC16A7 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	397739033
NCBI GeneID	9194
NCBI Accession #	NP_001257551.1
NCBI GenBank Nucleotide #	NM_001270622.1
UniProt Accession #	O60669; Q8NEM3; Q9UPB3
Molecular Weight	52,200 Da
NCBI Official Full Name	monocarboxylate transporter 2
NCBI Official Synonym Full Names	solute carrier family 16 (monocarboxylate transporter), member 7
NCBI Official Symbol	SLC16A7
NCBI Official Synonym Symbols	MCT2
NCBI Protein Information	monocarboxylate transporter 2
UniProt Protein Name	Monocarboxylate transporter 2
UniProt Gene Name	SLC16A7
UniProt Synonym Gene Names	MCT2; MCT 2
UniProt Entry Name	MOT2_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://stage.aaabiotech.com/polyclonal/slc16a7-antibody-immunohistochemistry-western-blot-elisa/301383>