

Rabbit anti-Human SLC16A1 Polyclonal Antibody | anti-SLC16A1 antibody

SLC16A1 antibody - middle region

CATALOG # AAA199327	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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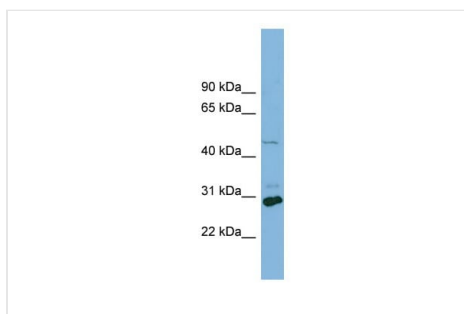
PRODUCT SYNONYMS

SLC16A1; Polyclonal Antibody; SLC16A1 antibody - middle region; anti-SLC16A1 antibody

PRODUCT SPECIFICATIONS

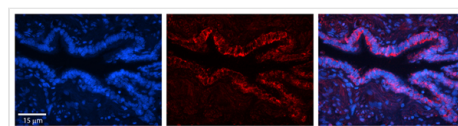
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EK AGKSGVKKDL HDANTDLIGR HPKQEKRSVF QTINQFLDLT LFTHRGFL
Sequence Length	500
Applicable Applications for anti-SLC16A1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC16A1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SLC16A1 Antibody Titration: 0.2-1 ug/ml
 ELISA Titer: 1:62500
 Positive Control: HT1080 cell lysate
 SLC16A1 is strongly supported by BioGPS gene expression data to be expressed in Human HT1080 cells



IHC (Immunohistochemistry)

Rabbit Anti-SLC16A1 Antibody
 Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
 Observed Staining: Membrane and cytoplasmic
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1/600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A1 antibody	This is a rabbit polyclonal antibody against SLC16A1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SLC16A1 is a monocarboxylate transporter (MCT1) that mediates the movement of lactate and pyruvate across cell membranes Import and export of these substrates by tissues such as erythrocytes, muscle, intestine, and kidney are ascribed largely to the actio
Product Categories/Family for anti-SLC16A1 antibody	Polyclonal; Membrane Protein; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	115583685
NCBI GeneID	6566
NCBI Accession #	NP_003042
NCBI GenBank Nucleotide #	NM_003051
UniProt Accession #	P53985
Molecular Weight	54kDa
NCBI Official Full Name	monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 16 member 1
NCBI Official Symbol	SLC16A1
NCBI Official Synonym Symbols	MCT; HHF7; MCT1; MCT1D
NCBI Protein Information	monocarboxylate transporter 1
UniProt Protein Name	Monocarboxylate transporter 1
UniProt Gene Name	SLC16A1
UniProt Synonym Gene Names	MCT1; MCT 1
UniProt Entry Name	MOT1_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/slc16a1-antibody-western-blot-immunohistochemistry-elisa/199327>