

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

SLC16A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306832	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

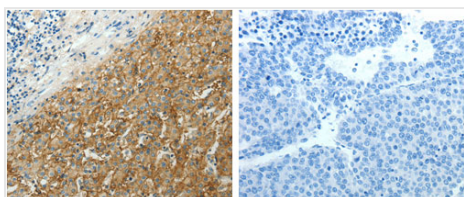
PRODUCT SYNONYMS

SLC16A1; Polyclonal Antibody; SLC16A1 Antibody; Solute carrier family 16; member 1 (monocarboxylic acid transporter 1); MCT; HHF7; MCT1; anti-SLC16A1 antibody

PRODUCT SPECIFICATIONS

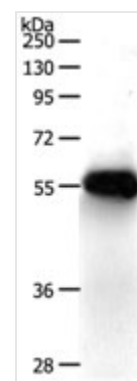
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total SLC16A1 protein.
Form/Format	Supplied at 1.5mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	500
Applicable Applications for anti-SLC16A1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide-KLH
Immunogen Description	Synthetic peptide corresponding to a region derived from 484-500 amino acids of Human solute carrier family 16, member 1 (monocarboxylic acid transporter 1)
Target Name	SLC16A1
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded human liver cancer tissue using 31233 (SLC16A1 Antibody) at dilution 1/50, on the right is treated with the synthetic peptide.



Application Data

Gel: 10% SDS-PAGE Lysate: 40 ug Human seminoma tissue lysate Primary antibody: 1/750 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 30 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A1 antibody	The protein encoded by this gene is a proton-linked monocarboxylate transporter that catalyzes the movement of many monocarboxylates, such as lactate and pyruvate, across the plasma membrane. Mutations in this gene are associated with erythrocyte lactate transporter defect. Alternatively spliced transcript variants have been found for this gene.
Product Categories/Family for anti-SLC16A1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	115583685
NCBI GeneID	6566
NCBI Accession #	NP_003042
NCBI GenBank Nucleotide #	NM_003051.3
Molecular Weight	46,234 Da
NCBI Official Full Name	monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 16 (monocarboxylate transporter), 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-immunohistochemistry-western-blot-elisa/306832>