

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

SLC16A7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232676	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

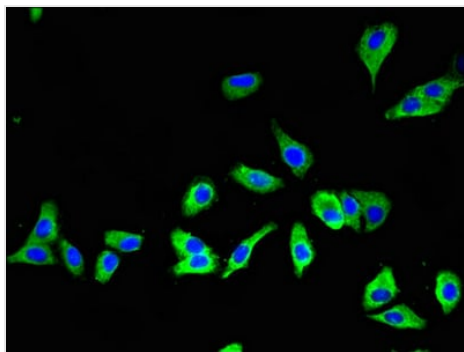
PRODUCT SYNONYMS

SLC16A7; Polyclonal Antibody; SLC16A7 Antibody; Monocarboxylate transporter 2; MCT 2; Solute carrier family 16 member 7; MCT2; anti-SLC16A7 antibody

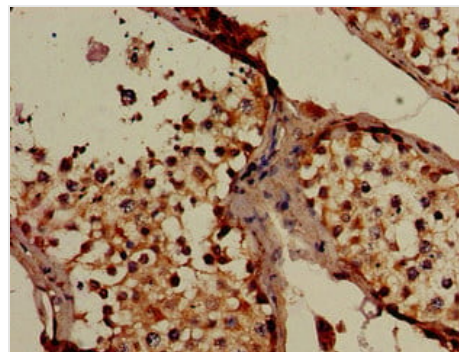
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	478
Applicable Applications for anti-SLC16A7 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Monocarboxylate transporter 2 protein (197-279AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-50322
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

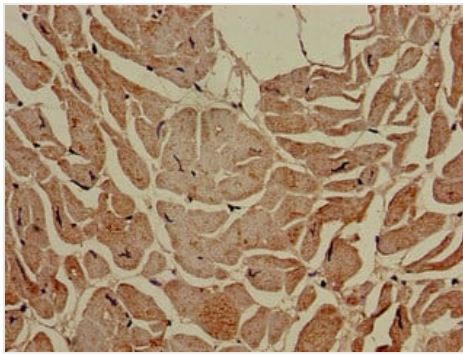
IMAGES


IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA232676 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

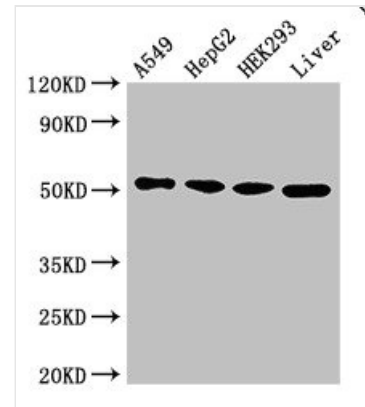

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA232676 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA232676 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: A549 whole cell lysate, HepG2 whole cell lysate, HEK293 whole cell lysate, Rat liver tissue. All lanes: SLC16A7 antibody at 2.5ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 53 KDa. Observed band size: 53 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC16A7 antibody

Proton-coupled monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate. Functions as high-affinity pyruvate transporter.

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 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc16a7-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/232676>