

Rabbit anti-Human MCT1 Polyclonal Antibody | anti-MCT1 antibody

Rabbit anti-MCT1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212641	Rabbit	Human	Immunoprecipitation, Western Blot

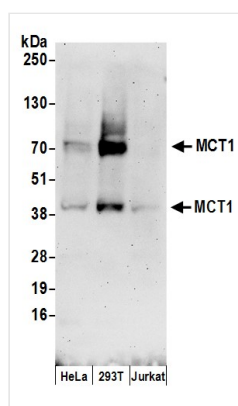
PRODUCT SYNONYMS

MCT1; Polyclonal Antibody; Rabbit anti-MCT1 Antibody; Affinity Purified; solute carrier family 16 (monocarboxylate transporter); member 1; solute carrier family 16; member 1 (monocarboxylic acid transporter 1); solute carrier family 16 (monocarboxylic acid transporters); monocarboxylate transporter 1; MCT1D; MCT 1; MCT; HHF7; Solute carrier family 16 member 1; Monocarboxylate transporter 1; solute carrier family 16 member 1; anti-MCT1 antibody

PRODUCT SPECIFICATIONS

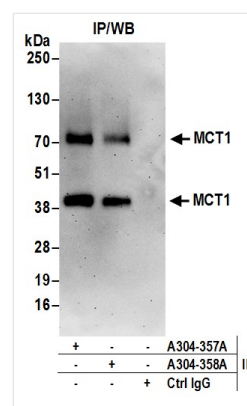
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MCT1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human MCT1 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN buffer from HeLa, HEK293T, and Jurkat cells. Antibodies: Affinity purified rabbit anti-MCT1 antibody AAA212641 (lot AAA212641-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human MCT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) prepared using NETN buffer from 293T cells. Antibodies: Affinity purified rabbit anti-MCT1 antibody AAA212641 (lot AAA212641-1) used for IP at 6 ug per reaction. MCT1 was also immunoprecipitated by rabbit anti-MCT1 antibody For blotting immunoprecipitated MCT1, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-MCT1 antibody	Monocarboxylate transporter 1 (MCT1) is a proton-linked monocarboxylate transporter. It 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P53985].
Product Categories/Family for anti-MCT1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	115583685
NCBI GeneID	6566
NCBI Accession #	NP_003042.3
NCBI GenBank Nucleotide #	NM_003051.3
UniProt Accession #	P53985 ; Q5T8R6 ; Q9NSJ9 ; Q49A45 ; Q5T8R3 ; Q5T8R4 ; Q5T8R5
Molecular Weight	53,944 Da
NCBI Official Full Name	monocarboxylate transporter 1
NCBI Official Synonym Full Names	solute carrier family 16, member 1 (monocarboxylic acid transporter 1)
NCBI Official Symbol	SLC16A1
NCBI Official Synonym Symbols	MCT; HHF7; MCT1; FLJ36745; MGC44475
NCBI Protein Information	monocarboxylate transporter 1; MCT 1; OTTHUMP00000013960; OTTHUMP00000013961; solute carrier family 16 member 1; solute carrier family 16 (monocarboxylic acid transporters), member 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/mct1-antibody-immunoprecipitation-western-blot-elisa/212641>