

Rabbit anti-Human MCT4 Polyclonal Antibody | anti-MCT4 antibody

Rabbit anti-MCT4 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212693	Rabbit	Human	Immunoprecipitation, Western Blot

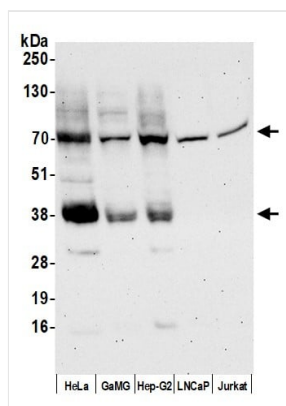
PRODUCT SYNONYMS

MCT4; Polyclonal Antibody; Rabbit anti-MCT4 Antibody; Affinity Purified; MCT 3; monocarboxylate transporter 4; Solute carrier family 16 member 3; solute carrier family 16; member 3 (monocarboxylic acid transporter 4); solute carrier family 16 (monocarboxylic acid transporters); member 3; solute carrier family 16 (monocarboxylate transporter); monocarboxylate transporter 3; MCT-4; MCT-3; MCT 4; MCT3; Monocarboxylate transporter 4; solute carrier family 16 member 3; anti-MCT4 antibody

PRODUCT SPECIFICATIONS

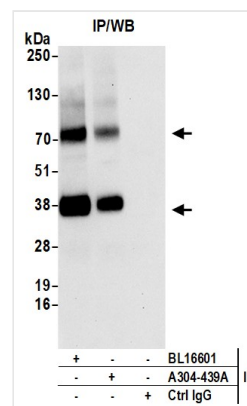
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MCT4 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 415 and C-terminus
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 MCT4 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, GaMG, Hep-G2, LNCaP, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MCT4 antibody AAA212693 (lot AAA212693-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



IP (Immunoprecipitation)

Detection of human MCT4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MCT4 antibody AAA212693 (lot AAA212693-1) used for IP at 6 ug per reaction. MCT4 was also immunoprecipitated by rabbit anti-MCT4 antibody BL16601. For blotting immunoprecipitated MCT4, AAA212693 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-MCT4 antibody	Monocarboxylate transporter 4 (MCT4) 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 (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O15427].
Product Categories/Family for anti-MCT4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	9123
UniProt Accession #	O15427
UniProt Protein Name	Monocarboxylate transporter 4
UniProt Gene Name	SLC16A3
UniProt Synonym Gene Names	MCT4; MCT 4
UniProt Entry Name	MOT4_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://www.aaabiotech.com/polyclonal/mct4-antibody-immunoprecipitation-western-blot-elisa/212693>