

Rabbit anti-Human, Mouse MCT8 Polyclonal Antibody | anti-MCT8 antibody

Rabbit anti-MCT8 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212637	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

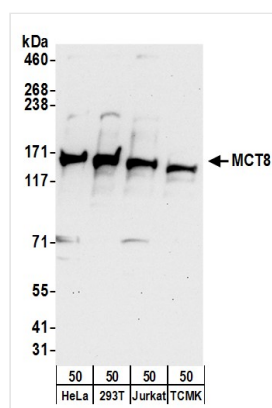
PRODUCT SYNONYMS

MCT8; Polyclonal Antibody; Rabbit anti-MCT8 Antibody; Affinity Purified; MCT 7; monocarboxylate transporter 8; XPCT; X-linked PEST-containing transporter; solute carrier family 16; member 2 (thyroid hormone transporter); Solute carrier family 16 member 2; MRX22; monocarboxylate transporter 7; MCT 8; DXS128E; DXS128; AHDS; MCT7; Monocarboxylate transporter 8; solute carrier family 16 member 2; anti-MCT8 antibody

PRODUCT SPECIFICATIONS

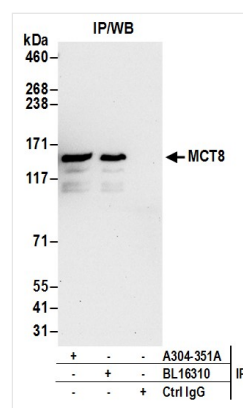
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-MCT8 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 275 and 325
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 and mouse MCT8 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, and mouse TCMK-1 cells. Antibodies: Affinity purified rabbit anti-MCT8 antibody AAA212637 (lot AAA212637-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human MCT8 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T and cells. Antibodies: Affinity purified rabbit anti-MCT8 antibody AAA212637 (lot AAA212637-1) used for IP at 6 ug per reaction. MCT8 was also immunoprecipitated by rabbit anti-MCT8 antibody BL16310. For blotting immunoprecipitated MCT8, AAA212637 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-MCT8 antibody	Monocarboxylate transporter 8 (MCT8) is a very active and specific thyroid hormone transporter. It stimulates cellular uptake of thyroxine (T4), triiodothyronine (T3), reverse triiodothyronine (rT3) and diiodothyronine. It does not transport Leu, Phe, Trp or Tyr (By similarity) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P36021].
Product Categories/Family for anti-MCT8 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	383087728
NCBI GeneID	6567
NCBI Accession #	NP_006508.2
NCBI GenBank Nucleotide #	NM_006517.4
UniProt Accession #	P36021; Q7Z797
Molecular Weight	59,511 Da
NCBI Official Full Name	monocarboxylate transporter 8
NCBI Official Synonym Full Names	solute carrier family 16, member 2 (thyroid hormone transporter)
NCBI Official Symbol	SLC16A2
NCBI Official Synonym Symbols	AHDS; MCT7; MCT8; XPCT; MCT 7; MCT 8; MRX22; DXS128; DXS128E
NCBI Protein Information	monocarboxylate transporter 8; monocarboxylate transporter 7; X-linked PEST-containing transporter
UniProt Protein Name	Monocarboxylate transporter 8
UniProt Gene Name	SLC16A2
UniProt Synonym Gene Names	MCT8; XPCT; MCT 8; MCT 7
UniProt Entry Name	MOT8_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/mct8-antibody-immunoprecipitation-western-blot-elisa/212637>