

Rabbit anti-Human MOCS2 Polyclonal Antibody | anti-MOCS2 antibody

MOCS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232356	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MOCS2; Polyclonal Antibody; MOCS2 Antibody; Molybdopterin synthase sulfur carrier subunit; MOCO1-A; Molybdenum cofactor synthesis protein 2 small subunit; MOCO1; anti-MOCS2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	88
Applicable Applications for anti-MOCS2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Molybdopterin synthase sulfur carrier subunit protein (1-188AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
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 Hela cells using AAA232356 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



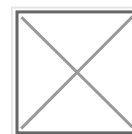
IP (Immunoprecipitation)

Immunoprecipitating MOCS2 in Jurkat whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug) instead of AAA232356 in Jurkat whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: AAA232356(4ug)+ Jurkat whole cell lysate(500ug) Lane 3: Jurkat whole cell lysate (20ug)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human adrenal gland tissue using AAA232356 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA232356 at dilution of 1:100



WB (Western Blot)

Western blotAll lanes: MOCS2 antibody at 0.47 ug/mlLane 1: A549 whole cell lysateLane 2: HepG-2 whole cell lysateLane 3: Jurkat whole cell lysateLane 4: Hela whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 21 kDaObserved band size: 21,49 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MOCS2 antibody	Acts as a sulfur carrier required for molybdopterin biosynthesis. Component of the molybdopterin synthase complex that catalyzes the conversion of precursor Z into molybdopterin by mediating the incorporation of 2 sulfur atoms into precursor Z to generate a dithiolene group. In the complex, serves as sulfur donor by being thiocarboxylated (-COSH) at its C-terminus by MOCS3. After interaction with MOCS2B, the sulfur is then transferred to precursor Z to form molybdopterin.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28631173
NCBI GeneID	4338
NCBI Accession #	NP_789776.1
NCBI GenBank Nucleotide #	NM_176806.3
UniProt Accession #	O96033; O96007
Molecular Weight	9,755 Da
NCBI Official Full Name	molybdopterin synthase sulfur carrier subunit small subunit MOCS2A
NCBI Official Synonym Full Names	molybdenum cofactor synthesis 2
NCBI Official Symbol	MOCS2
NCBI Official Synonym Symbols	MPTS; MCBPE; MOCO1; MOCODB
NCBI Protein Information	molybdopterin synthase catalytic subunit; molybdopterin synthase sulfur carrier subunit
UniProt Protein Name	Molybdopterin synthase sulfur carrier subunit
UniProt Gene Name	MOCS2
UniProt Synonym Gene Names	MOCS2A
UniProt Entry Name	MOC2A_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/mocs2-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/232356>