Rabbit anti-Human, mouse MOCS1 Polyclonal Antibody | anti-MOCS1 antibody

MOCS1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283756	**Rabbit**	**Human, mouse**	**Immunohistochemistry, ELISA, Western Blot**

PRODUCT SYNONYMS

MOCS1; Polyclonal Antibody; MOCS1 Antibody (C-term); Molybdenum cofactor biosynthesis protein 1; Cell migration-inducing gene 11 protein; Molybdenum cofactor synthesis-step 1 protein A-B; Cyclic pyranopterin monophosphate synthase; Molybdenum cofactor biosynthesis protein A; Cyclic pyranopterin monophosphate synthase accessory protein; Molybdenum cofactor biosynthesis protein C; anti-MOCS1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MOCS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 462-490 amino acids from the C-terminal region of human MOCS1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.25 (varies by lot)
Sequence Positions	462-490
Sequence Length	385
Applicable Applications for anti-MOCS1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

IHC (Immunohiostchemistry)
MOCS1 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the MOCS1 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

WB (Western Blot)
MOCS1 Antibody (C-term) western blot analysis in mouse spleen tissue lysates (35ug/lane).This demonstrates the MOCS1 antibody detected the MOCS1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MOCS1 antibody	MONDOA forms heterodimers with MLX (MIM 602976) that can bind to and activate transcription from CACGTG E boxes (Billin et al., 2000 [PubMed 11073985]).
Product Categories/Family for anti-MOCS1 antibody	Metabolism; Signal Transduction
References	Peterson, C.W., et al. Mol. Cell. Biol. 30(12):2887-2895(2010) Kaadige, M.R., et al. Proc. Natl. Acad. Sci. U.S.A. 106(35):14878-14883(2009) Stoltzman, C.A., et al. Proc. Natl. Acad. Sci. U.S.A. 105(19):6912-6917(2008) Sans, C.L., et al. Mol. Cell. Biol. 26(13):4863-4871(2006) Bornhauser, B.C., et al. J. Biol. Chem. 278(37):35412-35420(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116734668
NCBI GeneID	4337
NCBI Accession #	NP_001068566.1; NP_005934.2
NCBI GenBank Nucleotide #	NM_001075098.3
UniProt Accession #	Q9NZB8; O14940; O14941; O75710; Q5J7W0; Q5TCE1; Q5TCE2; Q5TCE6; Q5TCE9; Q5TCF0; B3KPT7; B4DTP1
Molecular Weight	70105
NCBI Official Full Name	molybdenum cofactor biosynthesis protein 1 isoform 4
NCBI Official Synonym Full Names	molybdenum cofactor synthesis 1
NCBI Official Symbol	MOCS1
NCBI Official Synonym Symbols	MIG11; MOCOD; MOCODA
NCBI Protein Information	molybdenum cofactor biosynthesis protein 1
UniProt Protein Name	Molybdenum cofactor biosynthesis protein 1
UniProt Gene Name	**MOCS1**
UniProt Entry Name	MOCS1_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/mocs1-antibody-immunohistochemistry-western-blot-elisa/283756