

MOCS1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10254b**Specification**

MOCS1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O9NZB8](#)
Other Accession [O9HAP2](#), [NP_055753.3](#)

MOCS1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 4337

Other Names

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, MOCS1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MOCS1 Antibody (C-term) Blocking peptide - Protein Information

Name MOCS1

Function

Isoform MOCS1A and isoform MOCS1B probably form a complex that catalyzes the conversion of 5'-GTP to cyclic pyranopterin monophosphate (cPMP). MOCS1A catalyzes the cyclization of GTP to (8S)- 3',8-cyclo-7,8-dihydroguanosine 5'-triphosphate and MOCS1B catalyzes the subsequent conversion of (8S)-3',8-cyclo-7,8-dihydroguanosine 5'- triphosphate to cPMP.

Tissue Location

Isoform MOCS1A and isoform 2 are widely expressed.

MOCS1 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

MOCS1 Antibody (C-term) Blocking peptide - Images

MOCS1 Antibody (C-term) Blocking peptide - Background

MONDOA forms heterodimers with MLX (MIM 602976) that can bind to and activate transcription from CACGTG E boxes (Billin et al., 2000 [PubMed 11073985]).

MOCS1 Antibody (C-term) Blocking peptide - 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)