

MOCS2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56799**Specification****MOCS2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	O96007
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20944

MOCS2 Polyclonal Antibody - Additional Information**Gene ID** 4338**Other Names**

Molybdopterin synthase catalytic subunit {ECO:0000255|HAMAP-Rule:MF_03052}, 2.8.1.12 {ECO:0000255|HAMAP-Rule:MF_03052}, MOCO1-B, Molybdenum cofactor synthesis protein 2 large subunit {ECO:0000255|HAMAP-Rule:MF_03052}, Molybdenum cofactor synthesis protein 2B {ECO:0000255|HAMAP-Rule:MF_03052}, MOCS2B {ECO:0000255|HAMAP-Rule:MF_03052}, Molybdopterin-synthase large subunit, MPT synthase large subunit, MOCS2 {ECO:0000255|HAMAP-Rule:MF_03052}, MCBPE, MOCO1

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
ICC ~ ~ N/A
E ~ ~ N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

MOCS2 Polyclonal Antibody - Protein Information**Name** MOCS2 {ECO:0000255|HAMAP-Rule:MF_03052}**Synonyms** MCBPE, MOCO1**Function**

Catalytic subunit of the molybdopterin synthase complex, a complex that catalyzes the conversion of precursor Z into molybdopterin. Acts by mediating the incorporation of 2 sulfur atoms from thiocarboxylated MOCS2A into precursor Z to generate a dithiolene group.

Cellular Location

Cytoplasm, cytosol {ECO:0000255|HAMAP-Rule:MF_03052, ECO:0000269|PubMed:15073332}

Tissue Location

Highest levels are found in heart and skeletal muscle. Lower levels are present in brain, kidney and pancreas. Very low levels are found in lung and peripheral blood leukocytes

MOCS2 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MOCS2 Polyclonal Antibody - Images