A7701

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MOCS1 Rabbit pAb

Catalog No.: A7701 **1 Publications**

Basic Information

Observed MW
Refer to figures

Calculated MW
70kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Mouse

Background

Molybdenum cofactor biosynthesis is a conserved pathway leading to the biological activation of molybdenum. The protein encoded by this gene is involved in this pathway. This gene was originally thought to produce a bicistronic mRNA with the potential to produce two proteins (MOCS1A and MOCS1B) from adjacent open reading frames. However, only the first open reading frame (MOCS1A) has been found to encode a protein from the putative bicistronic mRNA, whereas additional splice variants are likely to produce a fusion between the two open reading frames. This gene is defective in patients with molybdenum cofactor deficiency, type A. A related pseudogene has been identified on chromosome 16.

Recommended Dilutions

WB	1:500 - 1:2000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
4337

Swiss Prot
Q9NZB8

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
MIG11; MOCOD; MOCS1A; MOCS1B; MOCS1

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃