

Datasheet for ABIN1539287  
**anti-MOCS1 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	MOCS1
Binding Specificity:	AA 31-58, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MOCS1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 31-58 amino acids from the N-terminal region of human MOCS1.
Clone:	RB38897
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MOCS1
Alternative Name:	MOCS1 ( <a href="#">MOCS1 Products</a> )
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

## Target Details

(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, whose full-length natures have yet to be determined, 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.

Molecular Weight: 70105

Gene ID: 4337

NCBI Accession: [NP\\_001068566](#), [NP\\_005934](#)

UniProt: [Q9NZB8](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

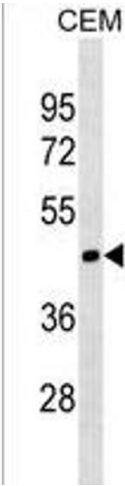
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: MOCS1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

**Image 1.** MOCS1 Antibody (N-term) (ABIN1539287 and ABIN2838171) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the MOCS1 antibody detected the MOCS1 protein (arrow).