

For Research Use Only

# MOSC1 Polyclonal antibody

Catalog Number: 25490-1-AP



## Basic Information

Catalog Number:

25490-1-AP

Size:

150ul , Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG21989

GenBank Accession Number:

BC010619

GeneID (NCBI):

64757

UNIPROT ID:

Q5VT66

Full Name:

MOCO sulphurase C-terminal domain containing 1

Calculated MW:

337 aa, 37 kDa

Observed MW:

35-42 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HepG2 cells, human placenta tissue

## Background Information

MOSC1 also known as MTARC1 and MARC1. It has 3 isoforms and is mainly expressed in liver, breast and adipose tissue. It is a novel signal-anchored protein of the outer mitochondrial membrane and is active in the N- reductive enzyme system and was also found to contribute to the regulation of nitric oxide synthesis (PMID: 23086957).

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

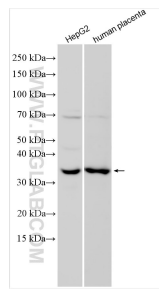
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25490-1-AP (MOSC1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.