

For Research Use Only

# MOSC1 Polyclonal antibody

Catalog Number: 25490-1-AP



## Basic Information

<b>Catalog Number:</b> 25490-1-AP	<b>GenBank Accession Number:</b> BC010619	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 400 µg/ml	<b>GeneID (NCBI):</b> 64757	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q5VT66	
<b>Isotype:</b> IgG	<b>Full Name:</b> MOCO sulphurase C-terminal domain containing 1	
<b>Immunogen Catalog Number:</b> AG21989	<b>Calculated MW:</b> 337 aa, 37 kDa	
	<b>Observed MW:</b> 35-42 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HepG2 cells, human placenta tissue
<b>Species Specificity:</b> human, mouse	

## 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**

For technical support and original validation data for this product please contact:

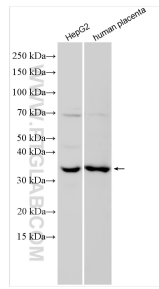
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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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.