

For Research Use Only

# MOCS2B Polyclonal antibody

Catalog Number: 14416-1-AP



## Basic Information

### Catalog Number:

14416-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 333 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG5761

### GenBank Accession Number:

BC046097

### GeneID (NCBI):

4338

### UNIPROT ID:

O96033

### Full Name:

molybdenum cofactor synthesis 2

### Calculated MW:

21 kDa

### Observed MW:

21 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IF/ICC, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : HeLa cells, HepG2 cells, Jurkat cells, mouse heart tissue

IF/ICC : HeLa cells,

## 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

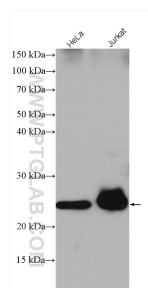
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

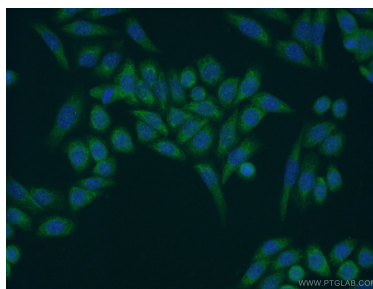
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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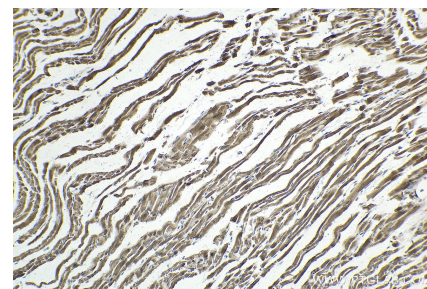
## Selected Validation Data



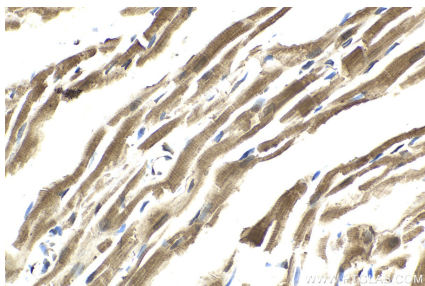
Various lysates were subjected to SDS PAGE followed by western blot with 14416-1-AP (MOCS2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells using 14416-1-AP (MOCS2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 14416-1-AP (MOCS2B antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 14416-1-AP (MOCS2B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).