

For Research Use Only

MOCS2B Polyclonal antibody, PBS Only

Catalog Number: 14416-1-PBS



Basic Information

Catalog Number: 14416-1-PBS	GenBank Accession Number: BC046097	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 4338	
Source: Rabbit	UNIPROT ID: O96007	
Isotype: IgG	Full Name: molybdenum cofactor synthesis 2	
Immunogen Catalog Number: AG5761	Calculated MW: 21 kDa	
	Observed MW: 21 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Background Information

MOCS2 (Molybdenum cofactor synthesis 2) is a heterotetrameric synthase comprised of 2 small (MOCS2A) and 2 large (MOCS2B) subunits. MOCS2 acts as a sulfur carrier required for molybdopterin biosynthesis. The two MOCS2 proteins A and B are subunits of molybdopterin synthase incorporating sulfur groups delivered by the MOCS3 sulfurylase.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

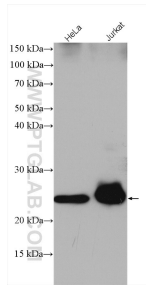
For technical support and original validation data for this product please contact:

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

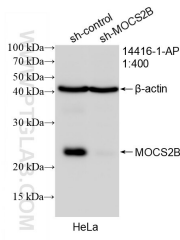
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

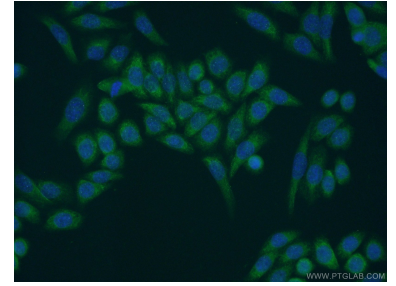
Selected Validation Data



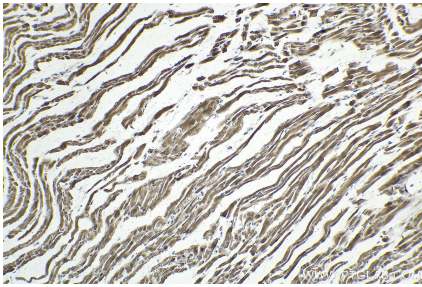
Various lysates were subjected to SDS PAGE followed by western blot with 14416-1-AP (MOCS2 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 14416-1-PBS in a different storage buffer formulation.



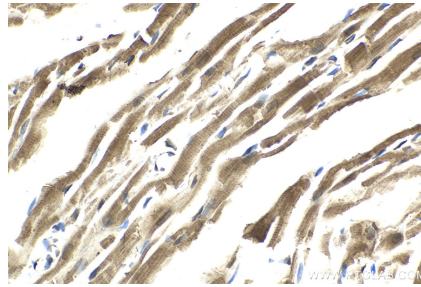
WB result of MOCS2B antibody (14416-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-MOCS2B transfected HeLa cells. This data was developed using the same antibody clone with 14416-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HeLa cells using 14416-1-AP (MOCS2 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 14416-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 14416-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 14416-1-PBS in a different storage buffer formulation.