

For Research Use Only

# MIOS Polyclonal antibody

Catalog Number: 20826-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 20826-1-AP	<b>GenBank Accession Number:</b> BC005883	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 54468	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NXC5	
<b>Isotype:</b> IgG	<b>Full Name:</b> missing oocyte, meiosis regulator, homolog (Drosophila)	
<b>Immunogen Catalog Number:</b> AG14802	<b>Calculated MW:</b> 875 aa, 99 kDa	
	<b>Observed MW:</b> 99 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : K-562 cells, rat liver tissue, HeLa cells, PC-3 cells IP : HeLa cells, IHC : mouse skeletal muscle tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, rat, mouse	
<b>Cited Species:</b> human, pig	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Jacqueline Morales	36282590	JCI Insight	WB
Marko Rudar	34719946	Am J Physiol Endocrinol Metab	WB

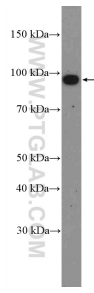
## Storage

**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

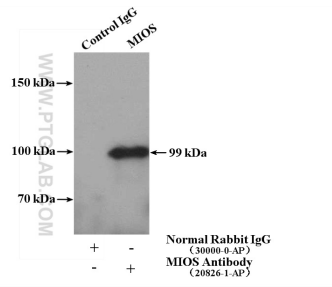
For technical support and original validation data for this product please contact:  
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## Selected Validation Data



K-562 cells were subjected to SDS PAGE followed by western blot with 20826-1-AP (MIOS Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-MIOS (IP:20826-1-AP, 4ug; Detection:20826-1-AP 1:300) with HeLa cells lysate 4000ug.

Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 20826-1-AP (MIOS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).