

For Research Use Only

MIOS Polyclonal antibody

Catalog Number: 20826-1-AP

3 Publications



Basic Information

Catalog Number:

20826-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14802

GenBank Accession Number:

BC005883

GeneID (NCBI):

54468

UNIPROT ID:

Q9NXC5

Full Name:

missing oocyte, meiosis regulator, homolog (Drosophila)

Calculated MW:

875 aa, 99 kDa

Observed MW:

99 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, rat, mouse

Cited Species:

human, pig

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : K-562 cells, rat liver tissue, HeLa cells, PC-3 cells

IP : HeLa cells,

IHC : mouse skeletal muscle tissue,

Notable Publications

Author	Pubmed ID	Journal	Application
Jacqueline Morales	36282590	JCI Insight	WB
Marko Rudar	34719946	Am J Physiol Endocrinol Metab	WB
Shankha S Chatterjee	39567499	Nat Commun	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

*** 20ul sizes contain 0.1% BSA

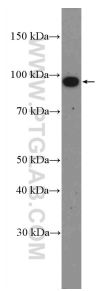
For technical support and original validation data for this product please contact:

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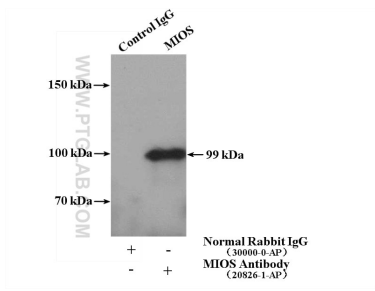
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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).