

For Research Use Only

# MIA3 Polyclonal antibody

Catalog Number: 17481-1-AP

Featured Product

5 Publications



## Basic Information

Catalog Number:

17481-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11514

GenBank Accession Number:

BC047116

GeneID (NCBI):

375056

UNIPROT ID:

Q5JRA6

Full Name:

melanoma inhibitory activity family, member 3

Calculated MW:

785 aa, 87 kDa

Observed MW:

300 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

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

## Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IHC, IF, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, zebrafish

**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: HEK-293T cells,

IP: HeLa cells,

IHC: mouse brain tissue, mouse testis tissue

## Background Information

Melanoma inhibitory activity member 3 (MIA3/TANGO1) is an evolutionarily conserved endoplasmic reticulum resident transmembrane protein.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yu Lei	34858331	Front Endocrinol (Lausanne)	WB, IF
Sonashree Saxena	38991587	Dev Cell	
Zhou Wanbiao	37948019	Mol Cell Biochem	WB, IHC, IF, CoIP

## 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:

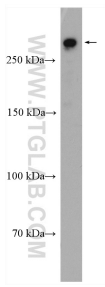
T: 4006900926

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

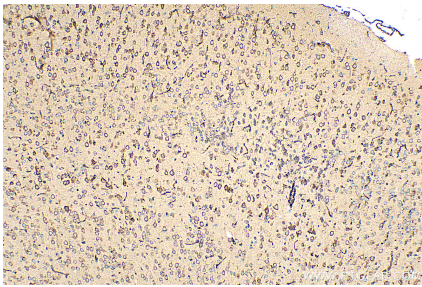
W: [ptgcn.com](http://ptgcn.com)

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

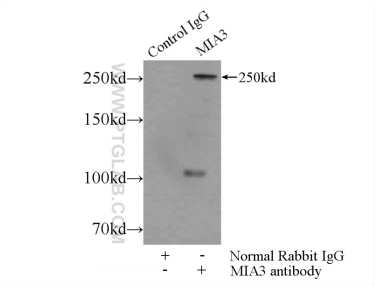
Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 17481-1-AP (MIA3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 17481-1-AP (MIA3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-MIA3 (IP:17481-1-AP, 5ug; Detection:17481-1-AP 1:1000) with HeLa cells lysate 3000ug.