

For Research Use Only

# MIA3 Polyclonal antibody

Catalog Number: 17481-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 17481-1-AP	<b>GenBank Accession Number:</b> BC047116	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop and 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 375056	<b>Recommended Dilutions:</b> 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
<b>Source:</b> Rabbit	<b>Full Name:</b> melanoma inhibitory activity family, member 3	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 785 aa, 87 kDa	
<b>Immunogen Catalog Number:</b> AG11514	<b>Observed MW:</b> 300 kDa	

## Applications

### Tested Applications:

IHC, IP, WB, ELISA

### Cited Applications:

CoIP, IF, IHC, WB

### 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
Zhou Wanbiao	37948019	Mol Cell Biochem	WB,IHC,IF,CoIP
Arian Mansur	37432316	Elife	IF

## 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

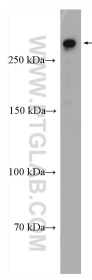
For technical support and original validation data for this product please contact:

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

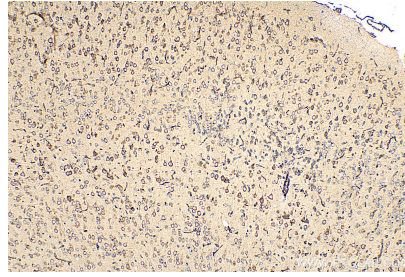
E: proteintech@ptglab.com  
W: ptglab.com

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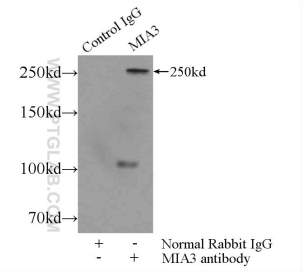
## Selected Validation Data



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.