For Research Use Only

MIA3 Polyclonal antibody

Catalog Number:17481-1-AP Featured Product 5 Publications

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
17481-1-AP

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop and 500 ug/ml by Bradford method using BSA as the standard;

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:
214 kDa

Observed MW:
300 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, 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

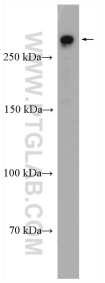
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

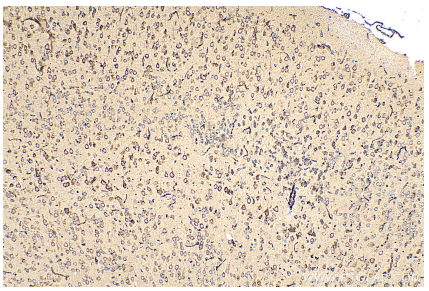
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

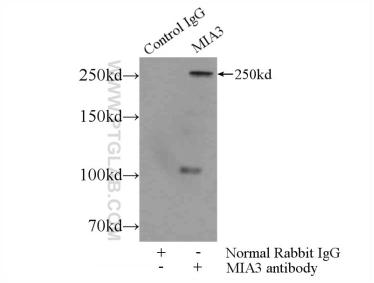
Selected Validation Data



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.