

For Research Use Only

MINA Polyclonal antibody

Catalog Number: 12214-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 12214-1-AP	GenBank Accession Number: BC014928	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop and 233 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 84864	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: MYC induced nuclear antigen	IHC 1:20-1:200
Isotype: IgG	Calculated MW: 465 aa, 53 kDa	
Immunogen Catalog Number: AG2838	Observed MW: 53 kDa	

Applications

Tested Applications: IHC, IP, WB, ELISA	Positive Controls: WB: HEK-293 cells, A431 cells, mouse liver tissue, A375 cells
Cited Applications: IF, WB	IP: HEK-293 cells,
Species Specificity: human, mouse, rat	IHC: human pancreas cancer tissue,
Cited Species: human, mouse	

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

Background Information

MINA, also named as MDIG, MINA53 and NO52, belongs to the MINA53/NO66 family. It is involved in cellular proliferation. MINA may play an important role in cell growth and survival. It is involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal particles. The transcriptional repressor MINA has been shown to repress IL4 gene expression by directly binding to its promoter, thereby, controlling TH2 bias. (PMID:21499227)

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaohui Xu	30546450	Oncol Lett	WB
Lili Zhang	32312832	Cancer Res	WB
Jinpeng Du	37709738	Signal Transduct Target Ther	WB, 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

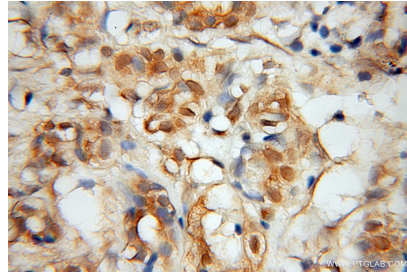
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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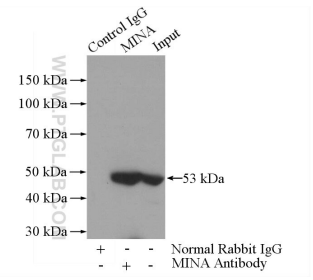
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 12214-1-AP (MINA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 12214-1-AP (MINA antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-MINA (IP:12214-1-AP, 3ug; Detection:12214-1-AP 1:500) with HEK-293 cells lysate 2120ug.