

For Research Use Only

MINA Polyclonal antibody

Catalog Number: 12214-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

12214-1-AP

Size:

650 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2838

GenBank Accession Number:

BC014928

GeneID (NCBI):

84864

UNIPROT ID:

Q8IUJ8

Full Name:

MYC induced nuclear antigen

Calculated MW:

465 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

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

Positive Controls:

WB: HEK-293 cells, A431 cells, mouse liver tissue, A375 cells

IP: HEK-293 cells,

IHC: human pancreas cancer tissue,

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

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

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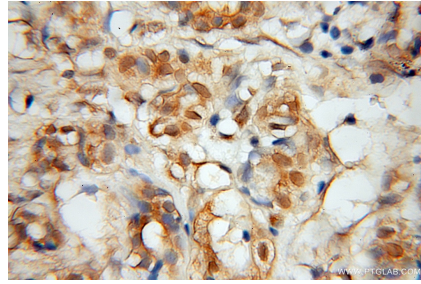
W: ptgcn.com

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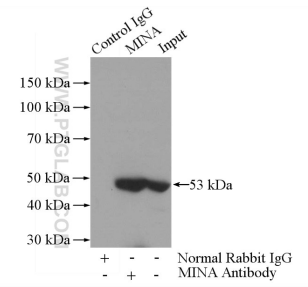
Selected Validation Data



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.