

For Research Use Only

MXD1 Polyclonal antibody

Catalog Number: 19547-1-AP **1 Publications**



Basic Information

Catalog Number:

19547-1-AP

Size:

230 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002357

GeneID (NCBI):

4084

UNIPROT ID:

Q05195

Full Name:

MAX dimerization protein 1

Calculated MW:

25 kDa

Observed MW:

25 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

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

chIP

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HepG2 cells,

IP : HepG2 cells,

Background Information

MXD1, also named as MAD, is a transcriptional repressor. MAD1 binds with MAX to form a sequence-specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. MAD thus antagonizes MYC transcriptional activity by competing for MAX. There're two isoforms of MXD1 protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Jianyin Long	32467232	J Biol Chem	chIP

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:

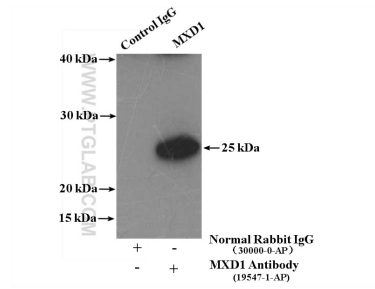
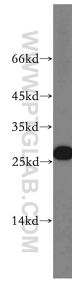
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 19547-1-AP (MXD1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

IP result of anti-MXD1 (IP:19547-1-AP, 4ug; Detection:19547-1-AP 1:500) with HepG2 cells lysate 3000ug.