For Research Use Only

MAX Polyclonal antibody

Catalog Number:10426-1-AP Featured Product 17 Publications

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Basic Information

Catalog Number:
10426-1-AP

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0680

GenBank Accession Number:
BC003525

GeneID (NCBI):
4149

UNIPROT ID:
P61244

Full Name:
MYC associated factor X

Calculated MW:
18 kDa

Observed MW:
22 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB: 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB, IHC, IF, IP, chIP

Species Specificity:
human

Cited Species:
human, mouse

Positive Controls:

WB : HEK-293 cells, PC-3 cells

Background Information

Max, a member of MAX family, contains a basic helix-loop-helix (bHLH) domain, is a transcription regulator. MAX can form a sequence-specific DNA-binding protein complex with MYC or MAD which recognizes the core sequence 5'-CAC[GA]TG-3'. The MYC-MAX complex is a transcriptional activator, while the MAD-MAX complex is a repressor. MAX could dimerizated with another bHLH protein to form a heterodimer, such MYC or MAD. Thus bands recognized by this antibody much larger than predicted.

Notable Publications

Author	Pubmed ID	Journal	Application
Svenja E Niehus	31754186	Sci Rep	chIP
Arnaud Augert	32470392	Cancer Cell	WB
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, pH7.3
Aliquoting is unnecessary for -20°C storage

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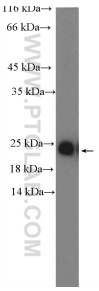
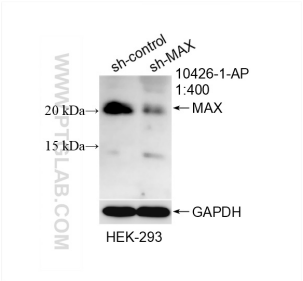
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10426-1-AP (MAX Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



WB result of MAX antibody (10426-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-MAX transfected HEK-293 cells.