

For Research Use Only

MAX Polyclonal antibody

Catalog Number: 10426-1-AP

Featured Product

15 Publications



Basic Information

Catalog Number:

10426-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 367 ug/ml by Bradford method using BSA as the standard;

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, 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 dimerized 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

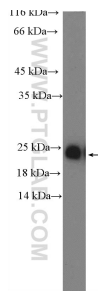
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

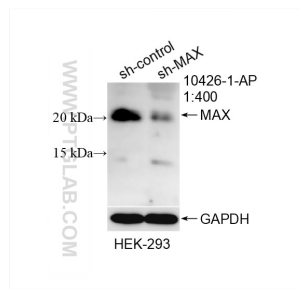
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



HEK-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.