

For Research Use Only

MAX Polyclonal antibody

Catalog Number: 10426-1-AP **3 Publications**



Basic Information

Catalog Number:

10426-1-AP

Size:

150UL, Concentration: 367 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0680

GenBank Accession Number:

BC003525

GeneID (NCBI):

4149

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

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

IF 1:10-1:100

Applications

Tested Applications:

IF, IP, WB, ELISA

Cited Applications:

chIP, WB

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB: HEK-293 cells, PC-3 cells, A549 cells

IP: HEK-293 cells,

IF: 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 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

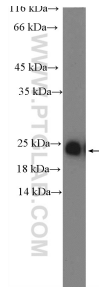
For technical support and original validation data for this product please contact:

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

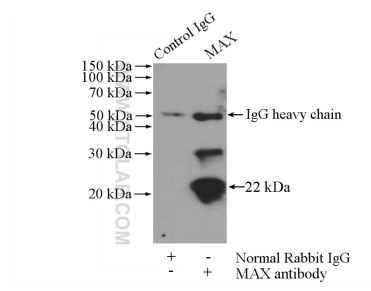
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W: ptglab.com

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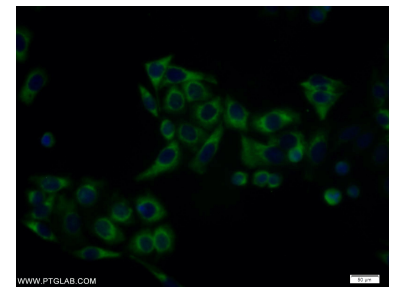
Selected Validation Data



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.



IP Result of anti-MAX (IP:10426-1-AP, 4 μ g; Detection:10426-1-AP 1:300) with HEK-293 cells lysate 1200 μ g.



Immunofluorescent analysis of PC-3 cells using 10426-1-AP (MAX antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).