

## MAX Polyclonal Antibody

Catalog number: 10426-1-AP

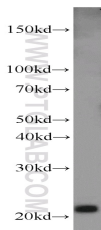
Size: 55 µg/150 µl

Source: Rabbit

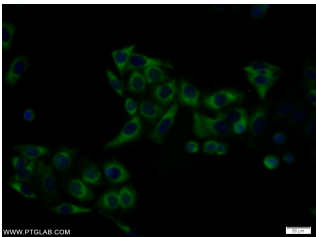
Isotype: IgG

Synonyms:

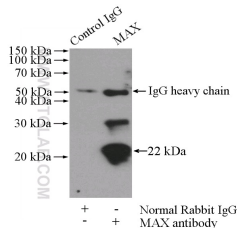
MAX; bHLHd4, bHLHd5,  
bHLHd6, bHLHd7, bHLHd8,  
MAX, MYC associated factor X,  
orf1, Protein max



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10426-1-AP (MAX antibody) at dilution of 1:300



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)



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

### Background

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.

### Applications

Tested applications:	ELISA, WB, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated MAX MW:	18 kDa
Observed MAX MW:	22 kDa
Positive WB detected in	HEK-293 cells, A549 cells, PC-3 cells
Positive IP detected in	HEK-293 cells
Positive IF detected in	PC-3 cells
Recommended dilution:	WB: 1:200-1:1000
	IP: 1:200-1:1000
	IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0680
GenBank accession number:	BC003525
Gene ID (NCBI):	4149
Full name:	MYC associated factor X

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.