

JUNB

Polyclonal ANTIBODY

Catalog Number: 10486-1-AP

2 Publications

Basic Information

Catalog Number:
10486-1-AP

Size:
41 µg/150 µl

Source:
Rabbit

Isotype:
IgG

Purification Method:
Antigen affinity purification

Immunogen Catalog Number:
AG0752

GenBank Accession Number:
BC004250

GeneID (NCBI):
3726

Full Name:
jun B proto-oncogene

Calculated MW:
36 kDa

Observed MW:
42 kDa, 43 kDa

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB

IHC 1:20-1:200

IF 1:10-1:100

Applications

Tested Applications:
IF, IHC, IP, WB, ELISA

Cited Applications:
WB

Species Specificity:
human,mouse,rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : MCF7 cells; C6 cells, HeLa cells, HT-1080 cells

IP : HeLa cells;

IHC : human gliomas tissue; human ovary tissue, human testis tissue

IF : MCF-7 cells; HeLa cells

Background Information

JunB is one of the components of the Activator Protein-1 (AP-1) transcription complex that have been implicated in the control of the G0/G1 transition in fibroblasts. AP-1 is a collection of dimers formed by members of the Jun-, Fos-, ATF- and Maf multigene families that bind to specific DNA regulatory elements called AP-1/12-O-tetradecanoylphorbol-13-acetate-responsive elements (TREs) and cAMP-responsive elements (CREs). JunB binds to the DNA sequence 5'-TGA(CG)TCA-3', and involves in the regulation of gene activity following the primary growth factor response. It also acts either as a tumor suppressor or as an oncogene depending on the cell and physiopathological context.

Notable Publications

Author	Pubmed ID	Journal	Application
Siyuan Chen	30224386	J Exp Med	WB
Wen-Si Zhao	31285951	Am J Cancer Res	WB

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

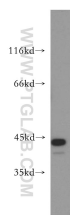
For technical support and original validation data for this product please contact:

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

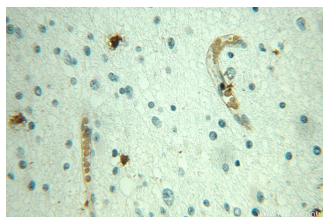
E: proteintech@ptglab.com
W: ptglab.com

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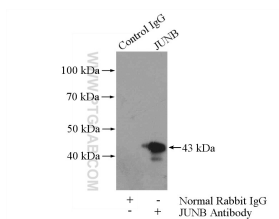
Selected Validation Data



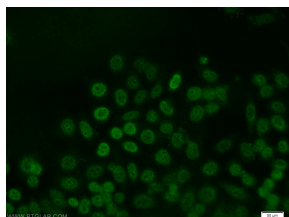
MCF7 cells were subjected to SDS PAGE followed by western blot with 10486-1-AP(JUNB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours



Immunohistochemical analysis of paraffin-embedded human gliomas using 10486-1-AP(JUNB antibody) at dilution of 1:50 (under 25x lens)



IP Result of anti-JUNB (IP:10486-1-AP, 4ug; Detection: 10486-1-AP 1:500) with HeLa cells lysate 1200ug.



Immunofluorescent analysis of MCF-7 cells using 10486-1-AP(JUNB antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)