

For Research Use Only

JUNB Polyclonal antibody

Catalog Number: 10486-1-AP

9 Publications



Basic Information

Catalog Number:

10486-1-AP

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0752

GenBank Accession Number:

BC004250

GeneID (NCBI):

3726

UNIPROT ID:

P17275

Full Name:

jun B proto-oncogene

Calculated MW:

36 kDa

Observed MW:

42 kDa, 43 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total

protein lysate

IHC 1:20-1:200

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

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

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

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
Bing Wang	35253437	J Proteome Res	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:

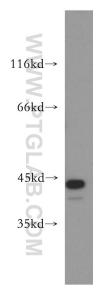
T: 4006900926

E: Proteintech-CN@ptglab.com

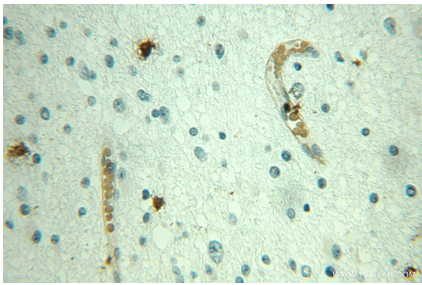
W: ptgcn.com

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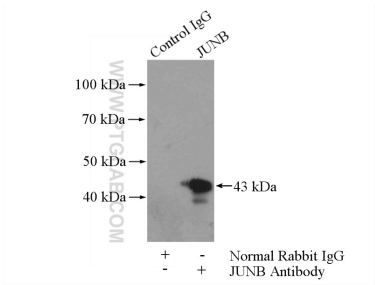
Selected Validation Data



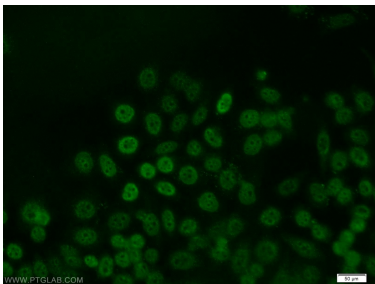
MCF7 cells were subjected to SDS PAGE followed by western blot with 10486-1-AP (JUNB antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



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).