For Research Use Only

Multi-rAb® JUNB Multi-Recombinant antibody

Catalog Number:RMX00032

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
RMX00032

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC004250

GeneID (NCBI):
3726

UNIPROT ID:
P17275

Full Name:
jun B proto-oncogene

Calculated MW:
36 kDa

Observed MW:
38 kDa, 42 kDa

Purification Method:
N/A

Recommended Dilutions:
WB: 1:5000-1:50000
IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC: 1:250-1:1000
IF/ICC: 1:50-1:500

Applications

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

Species Specificity:
human, mouse, rat

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 : HeLa cells, MCF-7 cells, NIH/3T3 cells, C6 cells

IP : C6 cells,

IHC : human tonsillitis tissue,

IF/ICC : 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 ofthe G0/G1 transtion 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

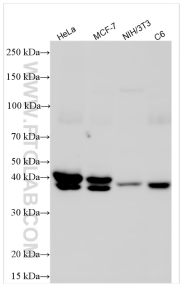
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol.
Aliquoting is unnecessary for -20°C storage

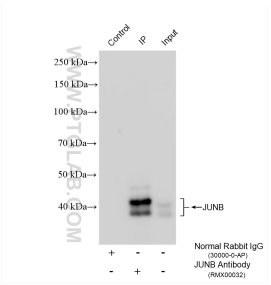
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

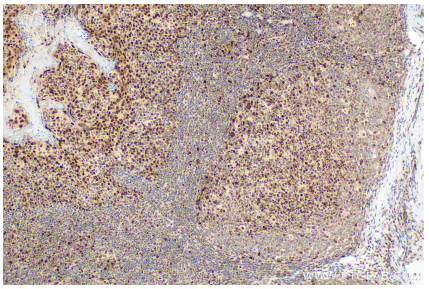
Selected Validation Data



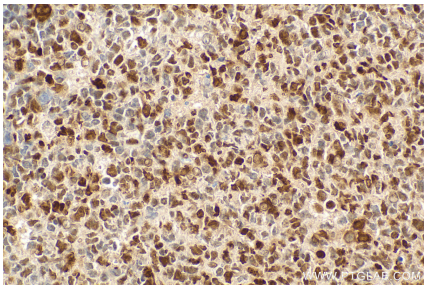
Various lysates were subjected to SDS PAGE followed by western blot with RMX00032 (JUNB antibody) at dilution of 1:15000 incubated at room temperature for 1.5 hours.



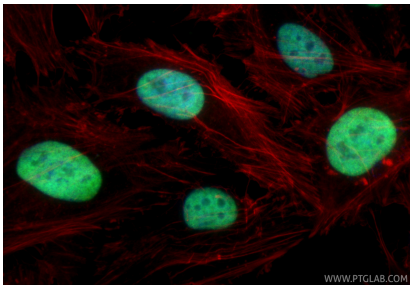
IP result of anti-JUNB (IP:RMX00032, 4ug; Detection:RMX00032 1:10000) with C6 cells lysate 1960 ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using RMX00032 (JUNB antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using RMX00032 (JUNB antibody) at dilution of 1:500 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using JUNB antibody (RMX00032) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).