

JUNB Polyclonal Antibody

Catalog number: 10486-1-AP

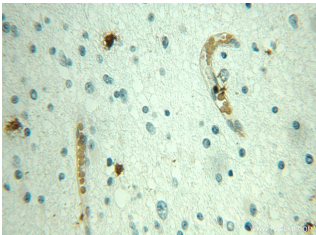
Size: 41 µg/150 µl

Source: Rabbit

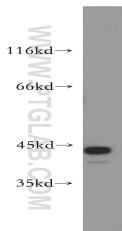
Isotype: IgG

Synonyms:

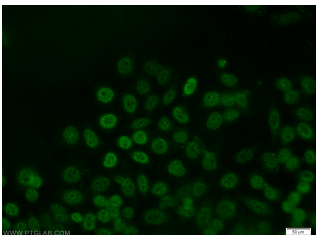
JUNB; AP 1, jun B proto oncogene, JUNB, Transcription factor jun B



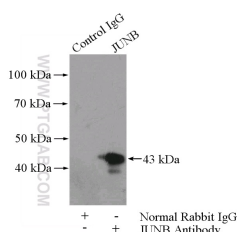
Immunohistochemical of paraffin-embedded human gliomas using 10486-1-AP (JUNB antibody) at dilution of 1:50 (under 25x lens)



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



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)



IP Result of anti-JUNB
(IP:10486-1-AP, 4µg;

Background

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

Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated JUNB MW:	36 kDa
Observed JUNB MW:	42 kDa, 43 kDa
Positive WB detected in	MCF7 cells, C6 cells, HeLa cells, HT-1080 cells
Positive IP detected in	HeLa cells
Positive IHC detected in	Human gliomas tissue, human ovary tissue, human testis tissue
Positive IF detected in	MCF-7 cells, HeLa cells
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200
	IF: 1:10-1:100

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

Immunogen information

Immunogen:	Ag0752
GenBank accession number:	BC004250
Gene ID (NCBI):	3726
Full name:	Jun B proto-oncogene

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

Detection:10486-1-AP 1:500)
with HeLa cells lysate 1200ug.