

Anti-JunB Picoband Antibody
Catalog # ABO11917**Specification**

Anti-JunB Picoband Antibody - Product Information

Application	WB, IHC
Primary Accession	P17275
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Transcription factor jun-B(JUNB) detection. Tested with WB, IHC-P in Human;Mouse;Rat.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-JunB Picoband Antibody - Additional Information

Gene ID 3726

Other Names

Transcription factor jun-B, JUNB

Calculated MW

35879 MW KDa

Application Details

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, Mouse, Rat, By Heat
Western blot, 0.1-0.5 µg/ml, Human, Rat

Subcellular Localization

Nucleus.

Protein Name

Transcription factor jun-B

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence at the C-terminus of human JunB (323-347aa QLKQKVMTHVSNCGQLLLGVKGHAF), identical to the related mouse and rat sequences.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Sequence Similarities

Belongs to the bZIP family. Jun subfamily.

Anti-JunB Picoband Antibody - Protein Information

Name JUNB

Function

Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[GC]TCA-3'. Heterodimerizes with proteins of the FOS family to form an AP-1 transcription complex, thereby enhancing its DNA binding activity to an AP-1 consensus sequence and its transcriptional activity (By similarity).

Cellular Location

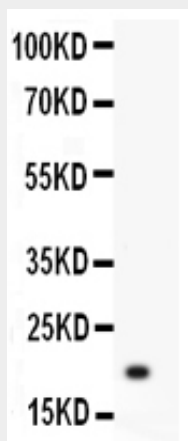
Nucleus.

Anti-JunB Picoband Antibody - Protocols

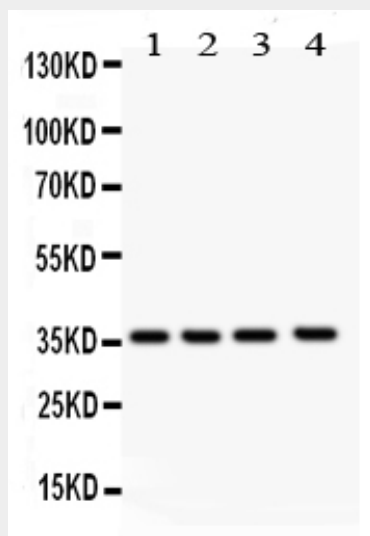
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

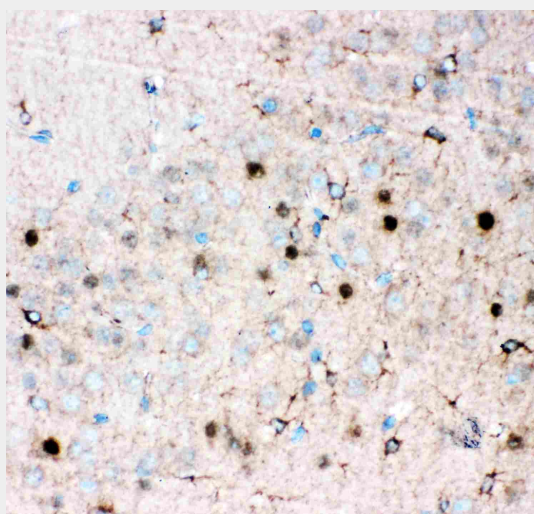
Anti-JunB Picoband Antibody - Images



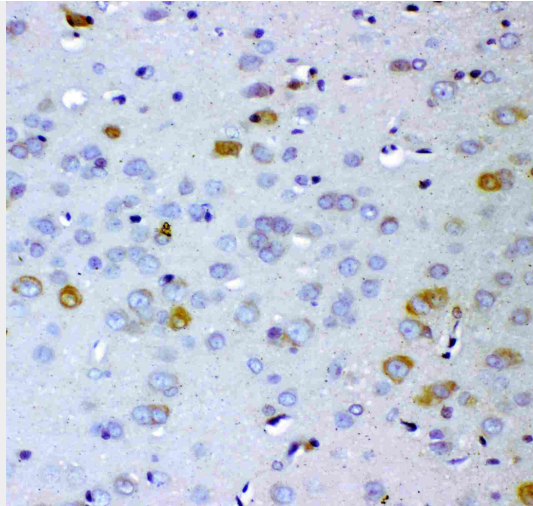
Anti-JunB antibody, ABO11917, Western blottingAll lanes: Anti JunB (ABO11917) at 0.5ug/mlWB:
Recombinant Human JunB Protein 0.5ngPredicted bind size: 19KDObserved bind size: 19KD



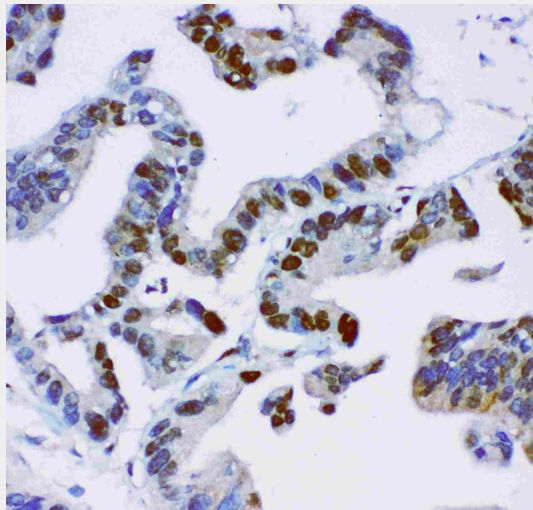
Anti-JunB antibody, ABO11917, Western blottingAll lanes: Anti JunB (ABO11917) at 0.5ug/mlLane
1: Human Placenta Tissue Lysate at 50ugLane 2: Rat Spleen Tissue Lysate at 50ugLane 3: JURKAT
Whole Cell Lysate at 40ugLane 4: HELA Whole Cell Lysate at 40ugPredicted bind size:
36KDObserved bind size: 36KD



Anti-JunB antibody, ABO11917, IHC(P)IHC(P): Mouse Brain Tissue



Anti-JunB antibody, ABO11917, IHC(P)IHC(P): Rat Brain Tissue



Anti-JunB antibody, ABO11917, IHC(P)IHC(P): Human Intestinal Cancer Tissue

Anti-JunB Picoband Antibody - Background

Transcription factor jun-B (JUNB) is a protein that in humans is encoded by the JUNB gene. It is mapped to 19p13.2. JUNB is a transcription factor involved in regulating gene activity following the primary growth factor response. It binds to the DNA sequence 5'-TGA[CG]TCA-3', and a large fraction (over 50%) of the JUNB locus is contained in these flanking evolutionarily conserved sequences (FECS), which may be required for effecting the proper transcriptional regulation of this gene. What's more, the expression of JUNB gene might be involved in terminal granulocyte differentiation or in regulating granulocyte functionality.