# Rabbit JunB Polyclonal Antibody | anti-JunB antibody

JunB Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA322245** | **Rabbit** | **Human, Mouse, Rat** | **ELISA, Immunoprecipitation, Immunohistochemistry, Western Blot** |

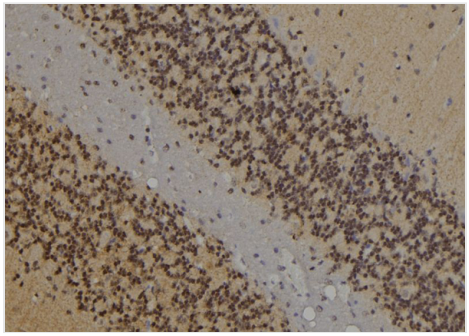
## PRODUCT SYNONYMS

JunB; Polyclonal Antibody; JunB Antibody; Activator protein 1; AP 1; AP1; Jun B; Jun B proto oncogene; Jun B protooncogene; Junb; JunB proto oncogene; JunB protoncogene 9; JunB protooncogene; JUNB_HUMAN; Transcription factor jun B; Transcription factor jun-B; Transcription factor junB; anti-JunB antibody

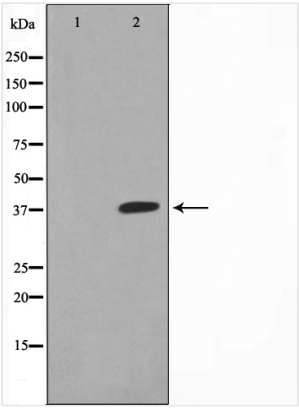
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | JunB antibody detects endogenous levels of total JunB |
| **Purity/Purification** | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin. |
| **Form/Format** | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 347 |
| **Applicable Applications for anti-JunB antibody** | ELISA, IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | A synthesized peptide derived from human JunB |
| **Subcellular Location** | Nucleus |
| **Tissue Specificity** | By growth factors. |
| **Predicted Cross Reactivity** | **Pig, Bovine, Horse, Sheep, Dog, Xenopus** |
| **Similarity** | Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Dog (100%), Xenopus (86%) |
| **Conjugation** | Unconjugated |
| **Preparation and Storage** | Store at -20 degree C. Stable for 12 months from date of receipt. |

## IMAGES



**IHC (Immunohiostchemistry)**
AAA322245 at 1/100 staining Rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.




**WB (Western Blot)**
Western blot analysis of JunB expression in HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-JunB antibody** | Description: JunB Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'.<br>Function: Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'.<br>Subunit Structure: Binds DNA as a homodimer or as a heterodimer with another member of the Jun/Fos family. Interacts with ITCH (via its WW domains).<br>Post-translational Modifications: Ubiquitinated by ITCH, leading to its degradation.<br>Similarity: Belongs to the bZIP family. Jun subfamily. |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 4504809 |
| **NCBI GeneID** | 3726 |
| **NCBI Accession #** | NP_002220.1 |
| **NCBI GenBank Nucleotide #** | NM_002229.2 |
| **UniProt Accession #** | P17275; Q96GH3 |
| **Molecular Weight** | Observed: 38 kDa<br>Predicted: 36 kDa |
| **NCBI Official Full Name** | transcription factor jun-B |
| **NCBI Official Synonym Full Names** | JunB proto-oncogene, AP-1 transcription factor subunit |
| **NCBI Official Symbol** | JUNB |
| **NCBI Official Synonym Symbols** | AP-1 |
| **NCBI Protein Information** | transcription factor jun-B |
| **UniProt Protein Name** | Transcription factor jun-B |
| **UniProt Gene Name** | **JUNB** |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/junb-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/322245