

Rabbit JunB Polyclonal Antibody | anti-JunB antibody

JunB Antibody

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

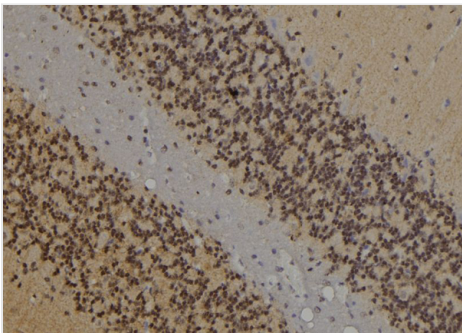
PRODUCT SYNONYMS

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

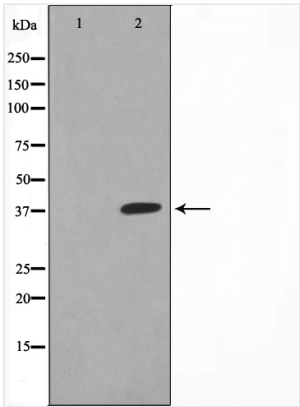
PRODUCT SPECIFICATIONS

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 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 (Immunohistochemistry)
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

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'. Function: Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'. 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). Post-translational Modifications: Ubiquitinated by ITCH, leading to its degradation. Similarity: Belongs to the bZIP family. Jun subfamily.
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NCBI AND UNIPROT INFORMATION

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 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.