

Rabbit JunD Polyclonal Antibody | anti-JunD antibody

Phospho-JunD (Ser259) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31152	Rabbit	Human, Mouse, RatPredicted: Pig, Zebrafish, Bovine, Dog, Chicken	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

JunD; Polyclonal Antibody; Phospho-JunD (Ser259) Antibody; Activator protein 1; AP 1; AP1; Jun D; jun D proto oncogene; JunD; JunD FL isoform; JUND_HUMAN; Transcription factor jun D; Transcription factor jun-D; anti-JunD antibody

PRODUCT SPECIFICATIONS

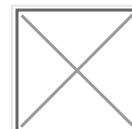
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Zebrafish, Bovine, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	Phospho-JunD (Ser259) Antibody detects endogenous levels of JunD only when phosphorylated at Ser259.
Purity/Purification	Purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
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-JunD antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA (Peptide ELISA)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 ELISA (Peptide): 1:20000-1:40000
Immunogen	A synthesized peptide derived from human JunD around the phosphorylation site of Ser259.
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of Phospho-JunD (Ser259) in lysates of K562, using Phospho-JunD (Ser259) Antibody.



IHC (Immunohistochemistry)

At 1/100 staining human kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



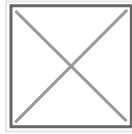
IHC (Immunohistochemistry)

At 1/100 staining human lung cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



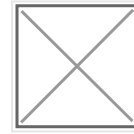
IHC (Immunohistochemistry)

At 1/100 staining rat liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohistochemistry)

At 1/100 staining rat kidney tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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



IHC (Immunohistochemistry)

At 1/100 staining mouse liver tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue 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

ADDITIONAL INFORMATION

Related Product Information for anti-JunD antibody

Description: Transcription factor binding AP-1 sites.

Subunit Structure: Binds DNA as a dimer (By similarity). Interacts with MEN1; this interaction represses transcriptional activation.

Similarity: Belongs to the bZIP family. Jun subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	102469037
NCBI GeneID	3727
NCBI Accession #	NP_005345.3
NCBI GenBank Nucleotide #	NP_005345.3
UniProt Accession #	P17535
Molecular Weight	Observed: 38 kDa Predicted: 36 kDa
NCBI Official Full Name	transcription factor jun-D isoform JunD-FL
NCBI Official Synonym Full Names	JunD proto-oncogene, AP-1 transcription factor subunit
NCBI Official Symbol	JUND
NCBI Official Synonym Symbols	AP-1
NCBI Protein Information	transcription factor jun-D
UniProt Protein Name	Transcription factor jun-D
UniProt Gene Name	JUND
UniProt Entry Name	JUND_HUMAN

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.