Rabbit JunD Polyclonal Antibody | anti-JunD antibody

JunD Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322246	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunoprecipitation, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

JunD; Polyclonal Antibody; JunD 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

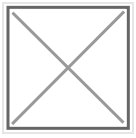
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	JunD antibody detects endogenous levels of total JunD
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	304
Applicable Applications for anti-JunD antibody	ELISA, IP (Immunoprecipitation), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human JunD
Subcellular Location	Nucleus.
Predicted Cross Reactivity	**Pig, Zebrafish, Bovine, Dog, Chicken**
Similarity	Pig (100%), Zebrafish (89%), Bovine (100%), Dog (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

IHC (Immunohistochemisry)
AAA322246 at 1/100 staining Human breast cancer 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 JunD expression in K562 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA322246 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-JunD antibody	Description: JunD Transcription factor binding AP-1 sites. Binds DNA as a dimer. Interacts with MEN1; this interaction represses transcriptional activation. Belongs to the bZIP family. Jun subfamily. Function: 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 #	558695424
NCBI GeneID	3727
NCBI Accession #	NP_001273897.1
NCBI GenBank Nucleotide #	NM_001286968.1
UniProt Accession #	P17535; Q53EK9
Molecular Weight	Observed: 38 kDa Predicted: 36 kDa
NCBI Official Full Name	transcription factor jun-D isoform deltaJunD
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**

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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