

Rabbit JunD Polyclonal Antibody | anti-JunD antibody

Anti-JunD Picoband Antibody

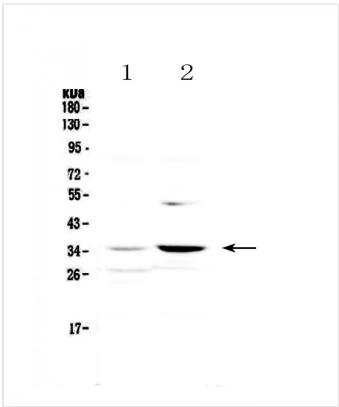
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA124731	Rabbit	Human, Mouse, Rat No cross reactivity with other proteins.	Western Blot

PRODUCT SYNONYMS

JunD; Polyclonal Antibody; Anti-JunD Picoband Antibody; Transcription factor jun-D; JUND; anti-JunD antibody

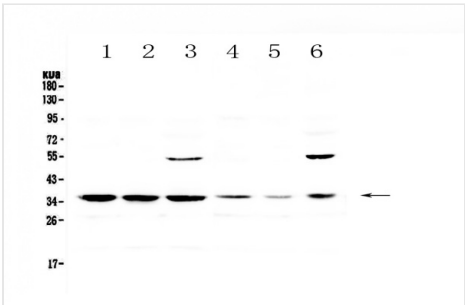
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat No cross reactivity with other proteins.
Clonality	Polyclonal
Form/Format	Lyophilized
Sequence Length	347
Applicable Applications for anti-JunD antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence of human JunD (TASLLREQVAQLKQKVLSHVNSGCQLLPQHQPAY).
Subcellular Localization	Nucleus.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



WB (Western Blot)

Figure 2. Western blot analysis of JunD using anti-JunD antibody (AAA124731). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: human placenta tissue lysates, Lane 2: human Jurkat whole cell lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-JunD antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for JunD at approximately 35KD. The expected band size for JunD is at 35KD.



WB (Western Blot)

Figure 1. Western blot analysis of JunD using anti-JunD antibody (AAA124731). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: rat spleen tissue lysates, Lane 2: rat lung tissue lysates, Lane 3: rat testis tissue lysates, Lane 4: mouse spleen tissue lysates, Lane 5: mouse lung tissue lysates, Lane 6: mouse testis tissue lysates. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-JunD antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for JunD at approximately 35KD. The expected band size for JunD is at 35KD.

ADDITIONAL INFORMATION

Related Product Information for anti-JunD antibody	Description: Transcription factor JunD is a protein that in humans is encoded by the JUND gene. The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms. Protein Function: Transcription factor binding AP-1 sites.
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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	35,174 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jund-antibody-western-blot-elisa/124731>