

Rabbit JUN Polyclonal Antibody | anti-JUN antibody

JUN Polyclonal Antibody

CATALOG # AAA174565	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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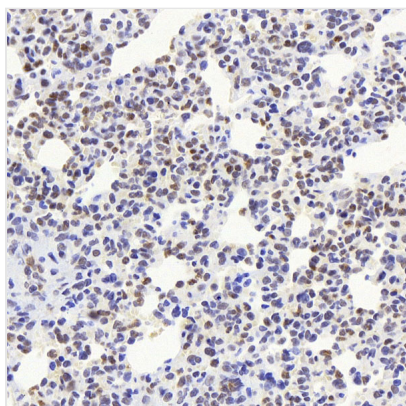
PRODUCT SYNONYMS

JUN; Polyclonal Antibody; JUN Polyclonal Antibody; Activator protein 1; AP 1; AP1; cJun; Enhancer Binding Protein AP1; Jun Activation Domain Binding Protein; Jun oncogene; JUN protein; Jun proto oncogene; JUNC; Oncogene JUN; p39; Proto oncogene c jun; Proto oncogene cJun; Proto-oncogene c-jun; Transcription Factor AP 1; Transcription factor AP-1; Transcription Factor AP1; V jun avian sarcoma virus 17 oncogene homolog; V jun sarcoma virus 17 oncogene homolog (avian); V jun sarcoma virus 17 oncogene homolog; V-jun avian sarcoma virus 17 oncogene homolog; vJun Avian Sarcoma Virus 17 Oncogene Homolog; anti-JUN antibody

PRODUCT SPECIFICATIONS

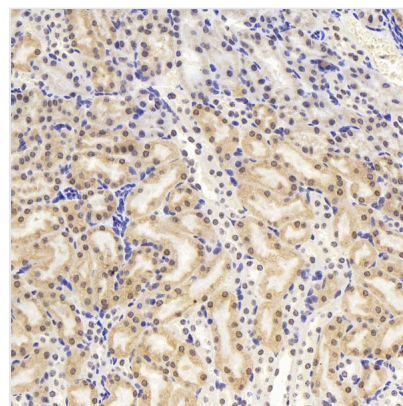
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1.1 mg/mL (varies by lot)
Sequence Length	331
Applicable Applications for anti-JUN antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Human c-Jun.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



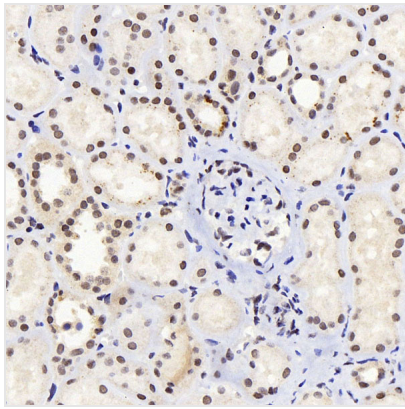
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded rat lung using JUN Polyclonal Antibody at dilution of 1:1000.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded mouse kidney using JUN Polyclonal Antibody at dilution of 1:1000.



IHC (Immunohistochemistry)
 Immunohistochemistry analysis of paraffin-embedded human kidney using JUN Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-JUN antibody	JUN is also named as c-Jun and AP1, belongs to the bZIP family and Jun subfamily. JUN, the most extensively studied protein of the activator protein-1 (AP-1) complex, is involved in numerous cell activities, such as proliferation, apoptosis, survival, tumorigenesis and tissue morphogenesis. JUN is a transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. It promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation. JUN is a basic leucine zipper (bZIP) transcription factor that acts as homo- or heterodimer, binding to DNA and regulating gene transcription. In additon, extracellular signals can induce post-translational modifications of JUN, resulting in altered transcriptional activity and target gene expression. More over, it has uncovered multiple layers of a complex regulatory scheme in which JUN is able to crosstalk, amplify and integrate different signals for tissue development and disease. Jun is predominantly nuclear, ubiquitinated Jun colocalizes with lysosomal proteins.
Product Categories/Family for anti-JUN antibody	Cancer; Epigenetics and Nuclear Signaling; Immunology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758616
NCBI GeneID	3725
NCBI Accession #	NP_002219.1
NCBI GenBank Nucleotide #	NM_002228.3
UniProt Accession #	P05412; Q6FHM7; Q96G93
Molecular Weight	35,676 Da
NCBI Official Full Name	transcription factor AP-1
NCBI Official Synonym Full Names	Jun proto-oncogene, AP-1 transcription factor subunit
NCBI Official Symbol	JUN
NCBI Official Synonym Symbols	AP1; p39; AP-1; c-Jun
NCBI Protein Information	transcription factor AP-1
UniProt Protein Name	Transcription factor AP-1
UniProt Gene Name	JUN
UniProt Synonym Gene Names	AP1

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/jun-antibody-immunohistochemistry-elisa/174565>