Datasheet for ABIN6142670

anti-C-JUN antibody (AA 1-70)

7 Images

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Overview

Quantity:	100 µL
Target:	C-JUN (JUN)
Binding Specificity:	AA 1-70
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C-JUN antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-70 of human c-Jun (NP_002219.1).
Sequence:	MTAKMETTFY DDALNASFLP SESGPYGYSN PKILKQSMTL NLADPVGSLK PHLRAKNSDL LTSPDVGLLK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

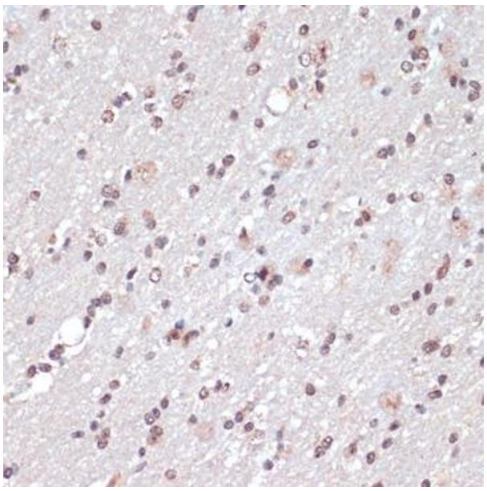
Target:	C-JUN (JUN)
Alternative Name:	Jun (JUN Products)
Background:	This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.,AP-1,AP1,c-Jun,JUN,c,Epigenetics & Nuclear Signaling,Transcription Factors,Cancer,Signal Transduction,ErbB-HER Signaling Pathway,MAPK-JNK Signaling Pathway,Cell Biology & Developmental Biology,Apoptosis,Immunology & Inflammation,B Cell Receptor Signaling Pathway,T Cell Receptor Signaling Pathway,Toll-like Receptor Signaling Pathway,Cell Intrinsic Innate Immunity Signaling Pathway,TLR Signaling,Jun
Molecular Weight:	35 kDa
Gene ID:	3725
UniProt:	P05412
Pathways:	MAPK Signaling, RTK Signaling, WNT Signaling, Fc-epsilon Receptor Signaling Pathway, Activation of Innate immune Response, Myometrial Relaxation and Contraction, Skeletal Muscle Fiber Development, Protein targeting to Nucleus, Toll-Like Receptors Cascades, Autophagy, Signaling of Hepatocyte Growth Factor Receptor, BCR Signaling, S100 Proteins

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200
Restrictions:	For Research Use only

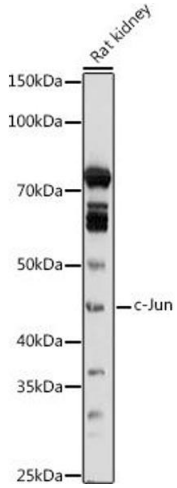
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



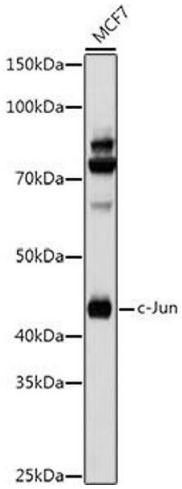
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat brain using c-Jun antibody (ABIN6131074, ABIN6142670, ABIN6142671 and ABIN6215187) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of Rat kidney, using c-Jun antibody (ABIN6131074, ABIN6142670, ABIN6142671 and ABIN6215187) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.



Western Blotting

Image 3. Western blot analysis of extracts of MCF7 cells, using c-Jun antibody (ABIN6131074, ABIN6142670, ABIN6142671 and ABIN6215187) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

Please check the product details page for more images. Overall 7 images are available for ABIN6142670.