

JUN Antibody (T243)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP1984g

Specification

JUN Antibody (T243) - Product Information

Application	WB, IHC-P,E
Primary Accession	P05412
Other Accession	P17325 , P56432 , P05627 , P18870 , O77627
Reactivity	Human
Predicted	Bovine, Chicken, Mouse, Pig, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	35676
Antigen Region	221-250

JUN Antibody (T243) - Additional Information

Gene ID 3725

Other Names

Transcription factor AP-1, Activator protein 1, AP1, Proto-oncogene c-Jun, V-jun avian sarcoma virus 17 oncogene homolog, p39, JUN

Target/Specificity

This JUN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-250 amino acids from human JUN.

Dilution

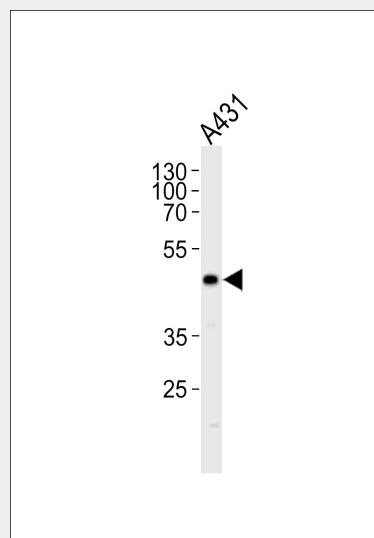
WB~~1:1000
IHC-P~~1:10~50

Format

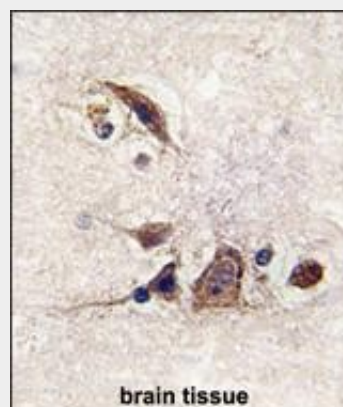
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw



JUN Antibody (T243) (Cat. #AP1984g) western blot analysis in A431 cell line lysates (35ug/lane). This demonstrates the JUN antibody detected the JUN protein (arrow).



Formalin-fixed and paraffin-embedded human brain tissue reacted with JUN Antibody (S243) (Cat.#AP1984g), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

JUN Antibody (T243) - Background

cycles.

Precautions

JUN Antibody (T243) is for research use only and not for use in diagnostic or therapeutic procedures.

JUN Antibody (T243) - Protein Information

Name JUN

Function

Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3' (PubMed:10995748, PubMed:22083952). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed:17210646). Involved in activated KRAS-mediated transcriptional activation of USP28 in colorectal cancer (CRC) cells (PubMed:24623306). Binds to the USP28 promoter in colorectal cancer (CRC) cells (PubMed:24623306).

Cellular Location

Nucleus.

Tissue Location

Expressed in the developing and adult prostate and prostate cancer cells.

JUN interacts directly with specific target DNA sequences to regulate gene expression.

JUN Antibody (T243) - References

Fujita,S., J. Mol. Biol. 378 (3), 492-504 (2008)
Gan,X.Q., . Cell Biol. 180 (6), 1087-1100 (2008)
Yogev,O., Cancer Res. 68 (5), 1398-1406 (2008)

JUN Antibody (T243) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)

- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)