10320 Camino Santa Fe, Suite G
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JUN / c-Jun Antibody (aa210-259)
Rabbit Polyclonal Antibody
Catalog # ALS15018

Specification

JUN / c-Jun Antibody (aa210-259) - Product Information

Application	**WB, IHC**
Primary Accession	P05412
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**36kDa KDa**

JUN / c-Jun Antibody (aa210-259) - 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
c-Jun Antibody detects endogenous levels of total c-Jun protein.

Reconstitution & Storage
Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions
JUN / c-Jun Antibody (aa210-259) is for research use only and not for use in diagnostic or therapeutic procedures.

JUN / c-Jun Antibody (aa210-259) - Protein Information

Name JUN

Function
Transcription factor that recognizes and binds to the AP-1 consensus motif 5'-TGA[GC]TCA-3' (PubMed:10995748, PubMed:22083952). Heterodimerizes with proteins of the FOS family to form an AP-1 transcription complex, thereby enhancing its DNA binding activity to the AP-1 consensus sequence 5'-TGA[GC]TCA-3' and enhancing its transcriptional activity (By similarity). Together with FOSB, plays a role in activation-induced cell death of T cells by binding to the AP-1 promoter site of FASLG/CD95L, and inducing its transcription in response to activation of the TCR/CD3 signaling pathway (PubMed:12618758). 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.

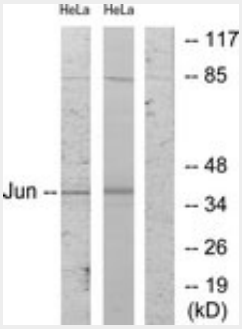
Volume
50 µl

JUN / c-Jun Antibody (aa210-259) - Protocols

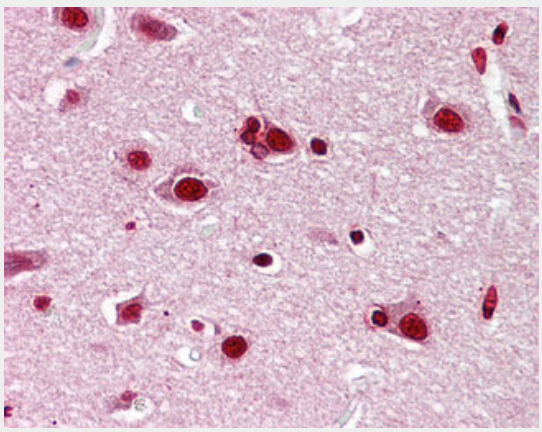
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

JUN / c-Jun Antibody (aa210-259) - Images



Western blot of extracts from HeLa cells, using c-Jun Antibody.



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Anti-JUN antibody IHC of human brain, cortex.

JUN / c-Jun Antibody (aa210-259) - Background

Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3'. Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation.

JUN / c-Jun Antibody (aa210-259) - References

Hattori K.,et al.Proc. Natl. Acad. Sci. U.S.A. 85:9148-9152(1988).
Bohmann D.,et al.Science 238:1386-1392(1987).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).