

Phospho-AP-1 (Ser63) Antibody
Catalog # ABV11980**Specification**

Phospho-AP-1 (Ser63) Antibody - Product Information

Application	WB
Primary Accession	P05412
Reactivity	Human, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	35676

Phospho-AP-1 (Ser63) Antibody - Additional Information**Gene ID** 3725

Positive Control	WB: HeLa cell lysate
Application & Usage	WB 1:500-1:2000; IHC 1:100-1:300; E 1:20000

Other Names

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

Target/Specificity

JUN

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Phospho-AP-1 (Ser63) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Phospho-AP-1 (Ser63) Antibody - 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.

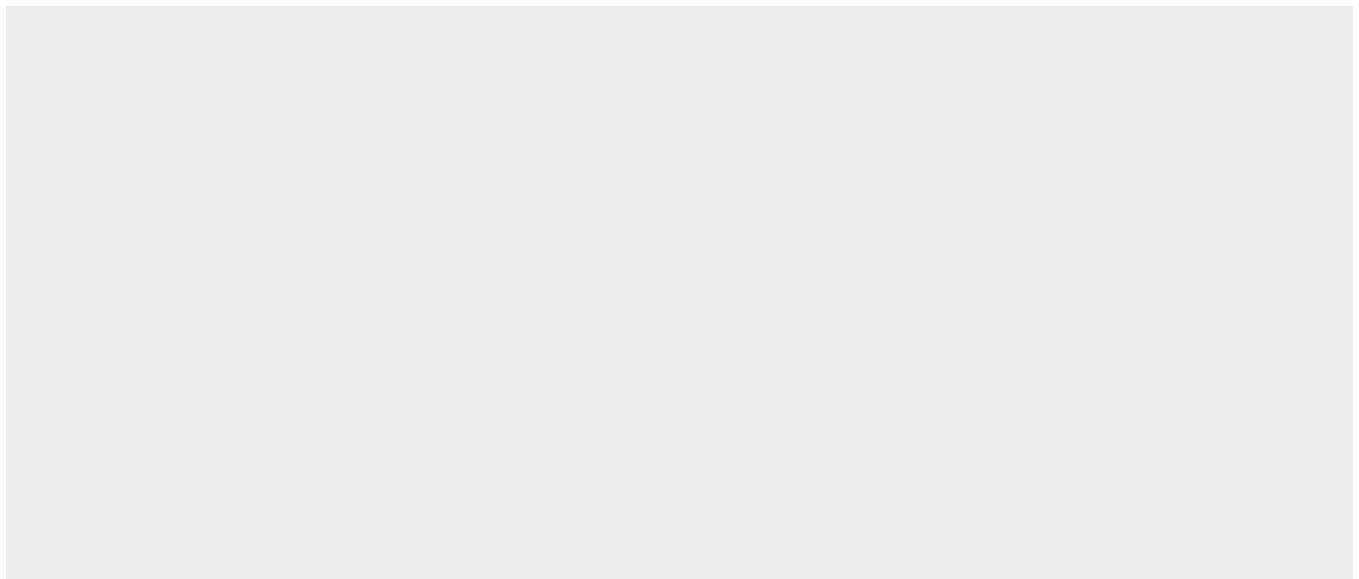
Tissue Location

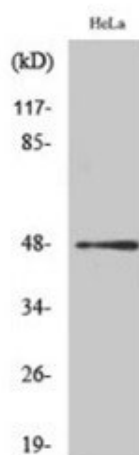
Expressed in the developing and adult prostate and prostate cancer cells.

Phospho-AP-1 (Ser63) Antibody - 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](#)

Phospho-AP-1 (Ser63) Antibody - Images



WB analysis of HeLa cells using pnospho-AP-1 (Ser63) Polycional Antibody