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Phospho-AP-1 (Ser63) Antibody

Catalog # ABV11980

Product Information

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

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.

Protein Information

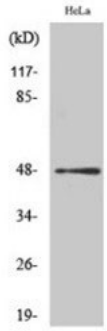
Name	JUN
Function	Transcription factor that recognizes and binds to the AP-1 consensus motif 5'-TGA[GC]TCA-3' (PubMed:10995748, PubMed:22083952). Heterodimerizes with proteins of the FOS family to form an AP-1 transcription complex, thereby enhancing its DNA binding activity to the AP-1 consensus sequence 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.

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.