

# c-Jun Polyclonal Antibody

Catalog # AP74301

### **Product Information**

Application WB Primary Accession P05412

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW35676

#### **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)

**Dilution** WB~~WB 1:500-2000, ELISA 1:10000-20000

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **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

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).

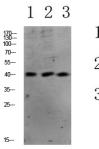
Cellular Location Nucleus.

**Tissue Location** Expressed in the developing and adult prostate and prostate cancer cells.

## **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. 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).

## **Images**



- 1 HEPG2 UV
- 2 CAC02
- 3 mouse-brain

Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

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