

Anti-Phospho-c-Jun (S63) Rabbit Monoclonal Antibody
Catalog # ABO13152**Specification****Anti-Phospho-c-Jun (S63) Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	P05412
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Phospho-c-Jun (S63) Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-Phospho-c-Jun (S63) Rabbit Monoclonal Antibody - Additional Information

Gene ID 3725

Other Names

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

Calculated MW

35676 MW KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Subcellular Localization

Nucleus.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Phospho-c-Jun (S63)

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Phospho-c-Jun (S63) Rabbit Monoclonal 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

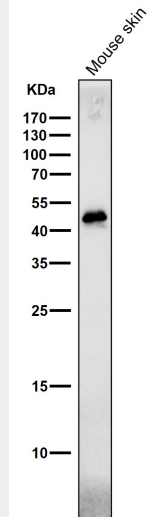
Expressed in the developing and adult prostate and prostate cancer cells.

Anti-Phospho-c-Jun (S63) Rabbit Monoclonal Antibody - Protocols

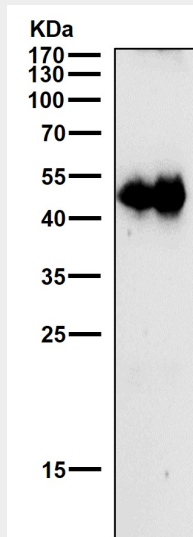
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

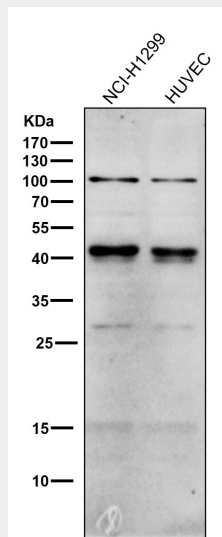
Anti-Phospho-c-Jun (S63) Rabbit Monoclonal Antibody - Images



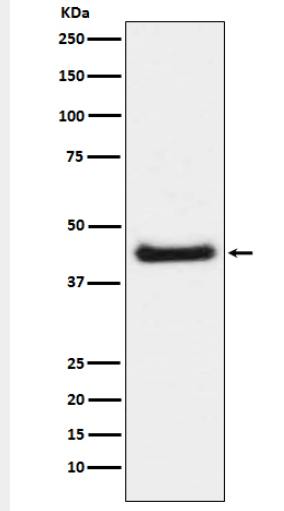
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



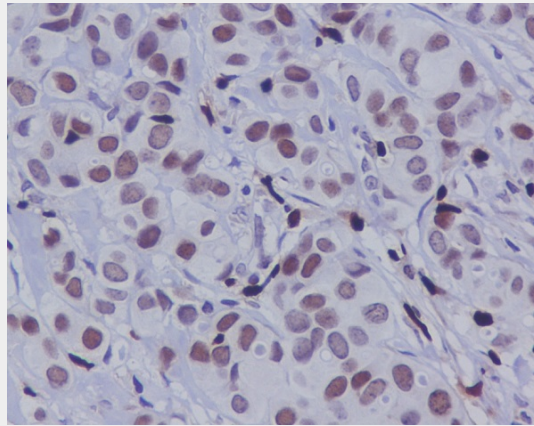
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



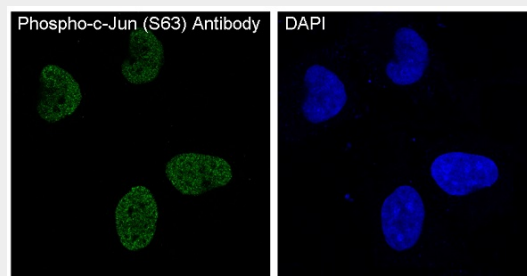
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



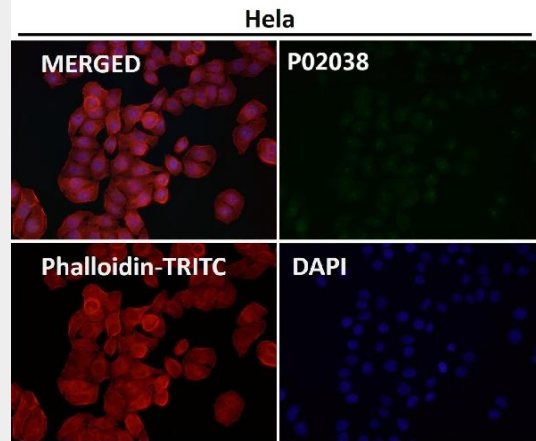
Western blot analysis of c-Jun phosphorylation expression in NIH/3T3 cell lysate treated with Anisomycin.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma, using Phospho-c-Jun (S63) Antibody.



Immunofluorescent analysis of HeLa cells treated with anisomycin, using Phospho-c-Jun (S63) Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.