

Product datasheet for AP02545PU-N

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c-Jun (JUN) non phospho Ser63 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: Western Blot: 1:500~1:1000.

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: The antiserum was produced against synthesized non-phosphopeptide derived from human

c-Jun around the phosphorylation site of serine 63 (L-T-SP-P-D).

Specificity: c-Jun antibody detects endogenous levels of c-Jun protein around serine 63.

Formulation: PBS(without Mg2+ and Ca2+), pH 7.4 containing 150mM NaCl, 0.02% sodium azide and 50%

glycerol

State: Aff - Purified State: Liquid purified IgG

Concentration: lot specific

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific immunogen.

Conjugation: Unconjugated

Storage: Store the antibody at -20°C.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: Jun proto-oncogene, AP-1 transcription factor subunit

Database Link: Entrez Gene 3725 Human

P05412



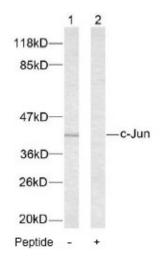


Background:

The human protooncogene JUN is the putative transforming gene of avian sarcoma virus 17, and it encodes a protein which is highly homologous to the viral protein. cJun (previously known as the Fos binding protein p39) and c Fos form a complex in the nucleus. AP 1 (activating protein 1) is a collective term referring to these dimeric transcription factors composed of Jun, Fos or ATF subunits that bind to a common DNA site, the AP1 binding site. AP 1 proteins, mostly the Jun group, regulate the expression and function of cell cycle regulators such as Cyclin D1, p53, p21 (cip1/waf1), p19 (ARF) and p16. Fos and Jun proto oncogene expression is induced transiently by a variety of extracellular stimuli associated with mitogenesis, differentiation processes or depolarization of neurons. JUN has been mapped to 1p32 to p31, a chromosomal region involved in both translocations and deletions in human malignancies.

Synonyms: Transcription factor AP1

Product images:



Western blot analysis of extract from NIH/3T3 cells treated with UV, using c-Jun antibody.