

Phospho-JunD (S255) Antibody

Rabbit mAb Catalog # AP90897

Specification

Phospho-JunD (S255) Antibody - Product Information

Application WB, IP
Primary Accession P17535
Reactivity Rat

Clonality Monoclonal

Other Names

Activator protein 1; AP 1; Jun D; jun D proto oncogene; Jund; JunD FL isoform; Transcription factor

jun D;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 35174 Da

Phospho-JunD (S255) Antibody - Additional Information

Dilution WB~~1:1000

IP~~N/A
Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

JunD

Description JunD, along with closely related family

members c-Jun and JunB, is a transcription factor that can activate or repress a wide array of target genes. JunD transcriptional activity is modulated by phosphorylation in response to cellular stress via the c-Jun N-terminal Kinase (JNK)/Stress-Activated Protein Kinase (SAPK) family of protein kinases. JunD activity can also be modulated by the MAPK pathway in

response to growth factors.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

Phospho-JunD (S255) Antibody - Protein Information

Name JUND

Function

Transcription factor binding AP-1 sites (PubMed:9989505).



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Heterodimerizes with proteins of the FOS family to form an AP-1 transcription factor complex, thereby enhancing their DNA binding activity to an AP-1 consensus sequence 3'-TGA[GC]TCA-5' and enhancing their transcriptional activity (PubMed: <a

 $href="http://www.uniprot.org/citations/28981703"\ target="_blank">28981703, PubMed:<a https://www.uniprot.org/citations/28981703"$ href="http://www.uniprot.org/citations/9989505" target=" blank">9989505).

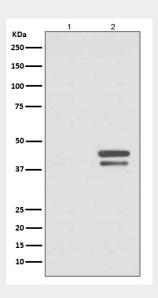
Cellular Location Nucleus.

Phospho-JunD (S255) Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Phospho-JunD (S255) Antibody - Images



Western blot analysis of Phospho-JunD (S255) expression in (1) HeLa cell lysate treated with Alkaline Phosphatase; (2) HeLa cell lysate.