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Phospho-JunD (S255) Antibody

Rabbit mAb
Catalog # AP90897

Product Information

Application	WB, IP
Primary Accession	P17535
Reactivity	Rat, Human, Mouse
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

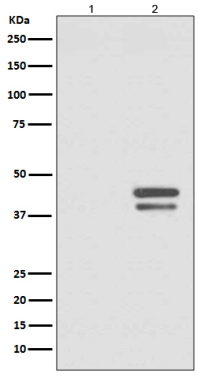
Additional Information

Dilution	WB 1:1000~1:2000 IP 1:50
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.

Protein Information

Name	JUND
Function	Transcription factor binding AP-1 sites (PubMed: 9989505). 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:28981703, PubMed:9989505).
Cellular Location	Nucleus.

Images



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

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