

## Product Datasheet

# Phospho-JunD (S255) Antibody

Catalog No: CY5897

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP



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### Information

**UniProt ID:** P17535

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

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 38,42 kDa

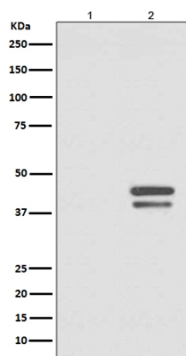
### Application

WB 1:1000~1:2000

IP 1:50

### Background

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.



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

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