

Datasheet for ABIN197142
anti-JunD antibody (Ser255)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mL
Target:	JunD (JUND)
Binding Specificity:	Ser255
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JunD antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic non-phosphopeptide derived from human JunD around the phosphorylation site of serine 255 (G-E-Sp-P-P).
Specificity:	JunD antibody detects endogenous levels of total JunD protein.
Purification:	Affinity-chromatography using epitope-specific immunogen

Target Details

Target:	JunD (JUND)
Alternative Name:	Jun-D (JUND Products)
Background:	JunD is the most broadly expressed member of the Jun family and the AP1 transcription factor complex. It has been found that primary fibroblasts lacking murine JunD displayed p53-

Target Details

dependent growth arrest, upregulated p19(ARF) expression, and premature senescence. In contrast, immortalized cell lines lacking JunD showed increased proliferation and higher cyclin D1 levels. These properties were reminiscent of the effects of oncogenic RAS expression on primary and established cell cultures. Furthermore, JunD $-/-$ fibroblasts exhibited increased p53-dependent apoptosis upon ultraviolet irradiation and were sensitive to the cytotoxic effects of tumor necrosis factor- α . The antiapoptotic role of JunD was confirmed using an in vivo model of TNF-mediated hepatitis. The authors proposed that JunD protects cells from senescence, or apoptotic responses to stress stimuli, by acting as a modulator of the signaling pathways that link RAS to p53. Synonyms: JUND, Transcription factor jun-D

Gene ID: 3727

NCBI Accession: [NP_005345](#)

UniProt: [P17535](#)

Application Details

Application Notes: Western Blot: 1: 500approx. 1: 1000. Immunohistochemistry: 1: 50approx. 1: 100.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS(without Mg^{2+} and Ca^{2+}), pH 7.4 containing 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: $-20^{\circ}C$

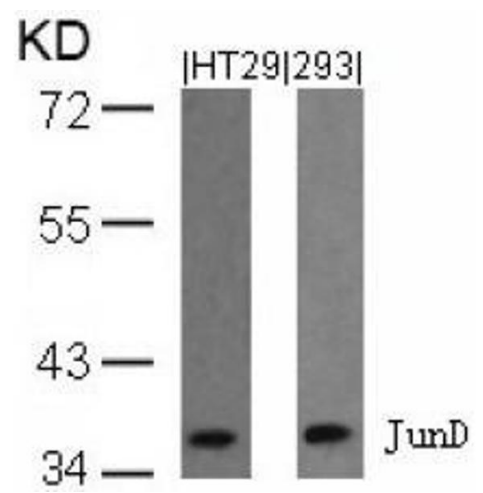


Image 1.

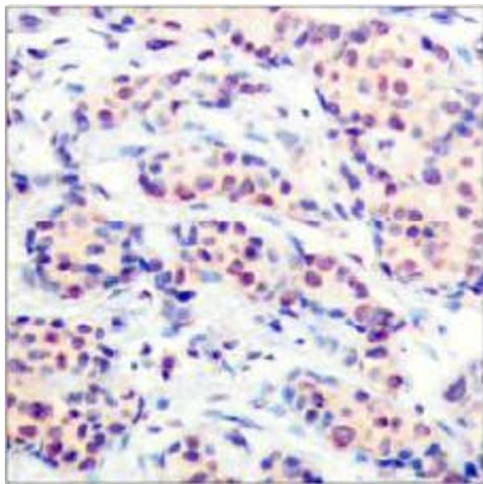


Image 2.

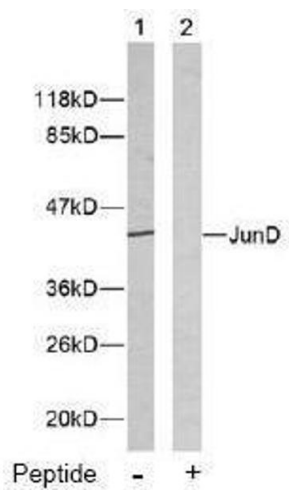


Image 3.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN197142.