

JunD Rabbit mAb

Catalog No.: A5433

Recombinant

4 Publications

Basic Information

Observed MW

38 kDa/42 kDa

Calculated MW

35 kDa

Category

Primary antibody

Applications

WB,ChIP,CUT&Tag,ELISA

Cross-Reactivity

Human

CloneNo number

ARC1408

Background

The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms (PMID:12105216).

Recommended Dilutions

WB 1:1000 - 1:6000

ChIP 5µg antibody for
10µg-15µg of Chromatin

CUT&Tag 10⁵ cells /1 µg

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Contact

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Immunogen Information

Gene ID

3727

Swiss Prot

P17535

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

AP-1; JunD

Product Information

Source

Rabbit

Isotype

IgG

Purification

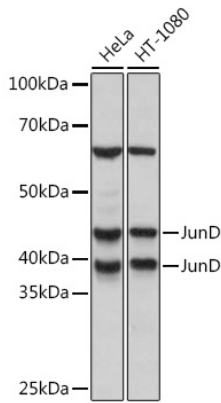
Affinity purification

Storage

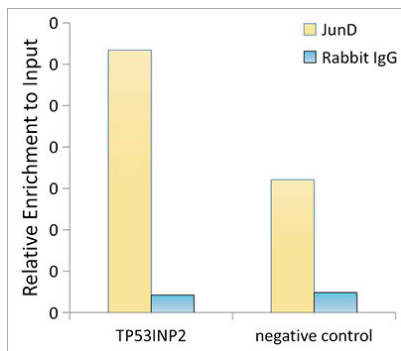
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

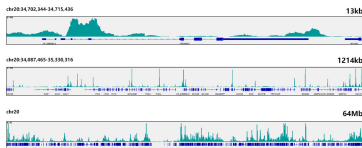
Validation Data



Western blot analysis of various lysates using JunD Rabbit mAb (A5433) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.



Chromatin immunoprecipitation analysis of extracts of HepG2 cells, using JunD antibody (A5433) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



CUT&Tag was performed using the CUT&Tag Assay Kit (pAG-Tn5) for Illumina(RK20265) from 10^5 Hep G2 cells with 1 µg JunD Rabbit mAb (A5433), along with a Goat Anti-Rabbit IgG(H+L). The CUT&Tag results indicate the enrichment pattern of JunD in representative gene loci (TP53INP2), as shown in figure.