

JAB1/CSN5/COPS5 Rabbit pAb

Catalog No.: A1766 **3 Publications**

Basic Information

Observed MW

37kDa

Calculated MW

38kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

Background

The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be an coactivator that increases the specificity of JUN/AP1 transcription factors.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

10987

Swiss Prot

Q92905

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-334 of human JAB1/CSN5/JAB1/CSN5/COPS5 (NP_006828.2).

Synonyms

CSN5; JAB1; SGN5; MOV-34; JAB1/CSN5/COPS5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

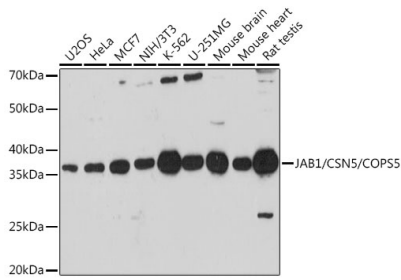
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using JAB1/CSN5/JAB1/CSN5/COPS5 Rabbit pAb (A1766) at 1:1000 dilution.

Secondary antibody: HRP 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: 90s.