

Datasheet for ABIN6138883
anti-COPS5 antibody (AA 1-334)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	COPS5
Binding Specificity:	AA 1-334
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-334 of human JAB1/CSN5/JAB1/CSN5/COPS5 (NP_006828.2).
Sequence:	MAASGSGMAQ KTWELANNMQ EAQSIDEIYK YDKKQQEIL AAKPWTKDHH YFKYCKISAL ALLKMVMHAR SGGNLEVMGL MLGKVDGETM IIMDSFALPV EGTETRVAQA AAAYEYMAAY IENAKQVGRL ENAIGWYHSH PGYGCWLSGI DVSTQMLNQQ FQEPFVAWI DPTRTISAGK VNLGAFRTYP KGYKPPDEGP SEYQTIPLNK IEDFGVHCKQ YYALEVSYFK SSLDRKLEL LWNKYWVNTL SSSLLTNAD YTTGQVFDLS EKLEQSEAQL GRGSFMLGLE THDRKSEDKL AKATRDCKT TIEAIHGLMS QVIKDKLFNQ INIS
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: COPS5

Alternative Name: COPS5 ([COPS5 Products](#))

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.,COPS5,CSN5,JAB1,MOV-34,SGN5,Epigenetics & Nuclear Signaling,Cancer,Tumor suppressors,p53 pathway,Cell Biology & Developmental Biology,Cell Cycle,Cell cycle inhibitors,Ubiquitin,COPS5

Molecular Weight: 37 kDa

Gene ID: 10987

UniProt: [Q92905](#)

Pathways: [Cell Division Cycle](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IHC,1:50 - 1:100,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

Format: Liquid

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

Preservative: Sodium azide

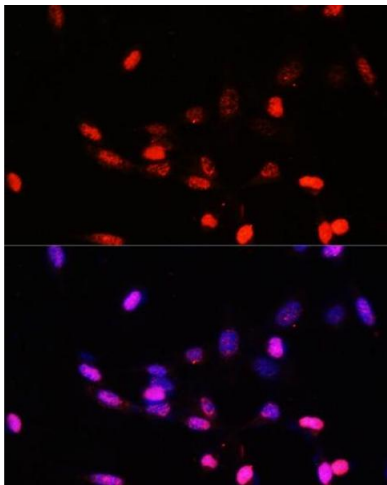
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Handling

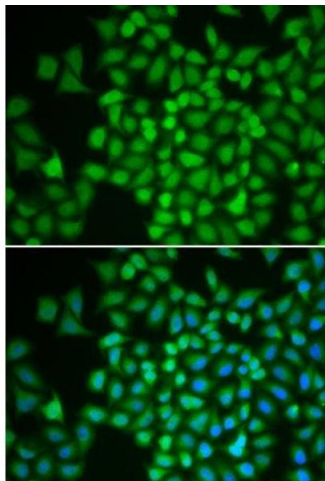
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



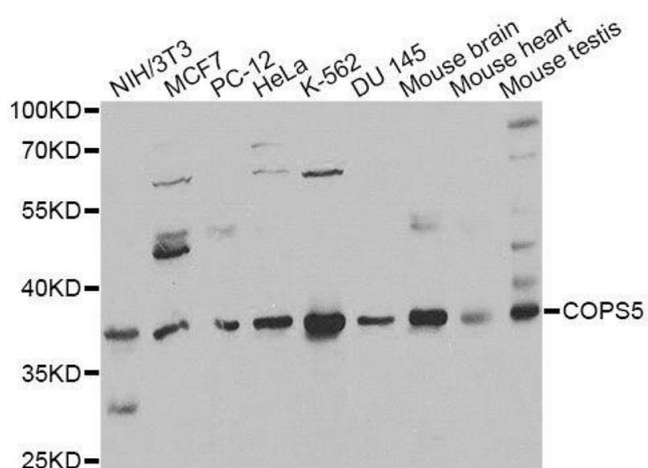
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using J/CSN5/J/CSN5/COPS5 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence

Image 2. Immunofluorescence analysis of HeLa cells using COPS5 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using COPS5 antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6138883.