

Datasheet for ABIN7266497

anti-COPS5 antibody

7 Images

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Overview

Quantity:	100 µL
Target:	COPS5
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This COPS5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Chromatin Immunoprecipitation (ChIP)

Product Details

Purpose:	JAB1/CSN5/COPS5 Rabbit mAb
Immunogen:	A synthesized peptide derived from human JAB1/CSN5/COPS5
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	COPS5
Alternative Name:	COPS5 (COPS5 Products)

Target Details

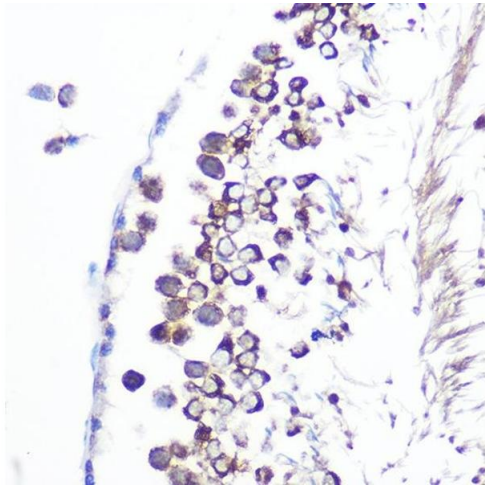
Background:	The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 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. [provided by RefSeq, Jul 2008],CSN5, JAB1, MOV-34, SGN5,Cancer,Cell Biology & Developmental Biology,Cell Cycle,Cell Cycle_Cell cycle inhibitors,Epigenetics & Nuclear Signaling,Tumor suppressors,Tumor suppressors_p53 pathway,Ubiquitin,COPS5
Molecular Weight:	38kDa
Gene ID:	10987
UniProt:	Q92905
Pathways:	Cell Division Cycle

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,ChIP,1:50 - 1:200
Restrictions:	For Research Use only

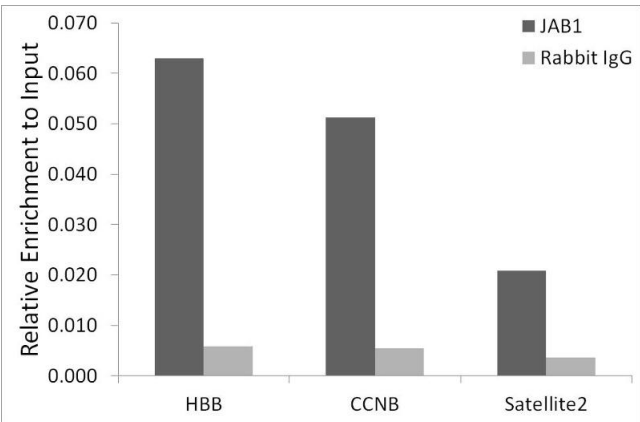
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



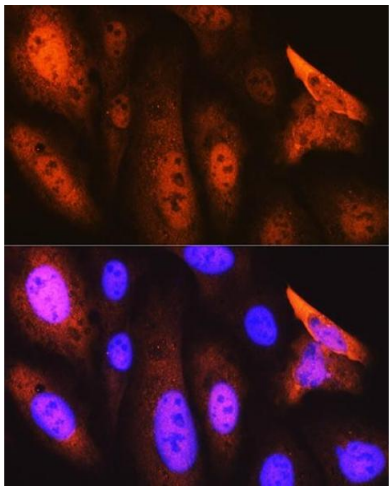
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat testis using J/CSN5/COPS5 Rabbit mAb (ABIN7266497) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Chromatin Immunoprecipitation

Image 2. Chromatin immunoprecipitation analysis of extracts of HeLa cells, using J/CSN5/COPS5 antibody (ABIN7266497) 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.



Immunofluorescence

Image 3. Immunofluorescence analysis of U-2 OS cells using J/CSN5/COPS5 Rabbit mAb (ABIN7266497) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN7266497.