

Rabbit COPS5 Polyclonal Antibody | anti-COPS5 antibody

COPS5 Polyclonal Antibody

CATALOG # AAA281045	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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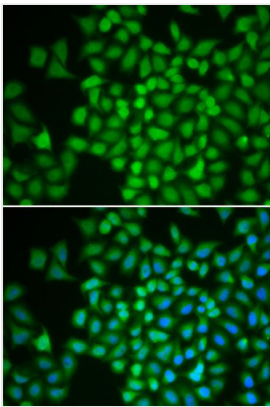
PRODUCT SYNONYMS

COPS5; Polyclonal Antibody; COPS5 Polyclonal Antibody; CSN5; JAB1; MOV-34; SGN5; anti-COPS5 antibody

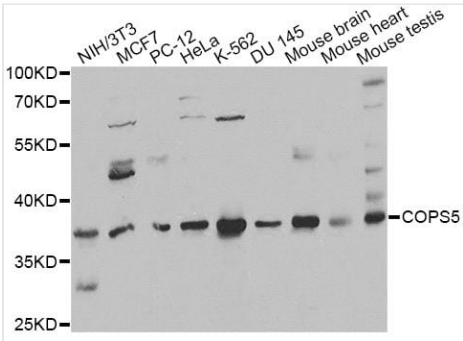
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MAASGSGMAQ KTWELANNMQ EAQSIDEIYK YDKKQQQEIL AAKPWTGDHH YFKYCKISAL ALLKMVMHAR SGGNLEVMGL MLGKVDGETM IIMDSFALPV EGTETRVNAQ AAAYEYMAAY IENAKQVGRLENAIGWYHSH PGYGCWLSGI DVSTQMLNQQ FQEPFVAVVI DPTRTISAGK VNLGAFRTYP KGYKPPDEGP SEYQTIPLNK IEDFGVHCKQ YYALEVSYFK SSLDRKLEL LWNKYWVNTL SSSSL
Sequence Length	334
Applicable Applications for anti-COPS5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human COPS5
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cytoplasm, Cytoplasmic vesicle, Nucleus, perinuclear region, secretory vesicle, synaptic vesicle
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using COPS5 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using COPS5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-COPS5 antibody	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.
Product Categories/Family for anti-COPS5 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38027923
NCBI GeneID	10987
NCBI Accession #	NP_006828.2
NCBI GenBank Nucleotide #	NP_006828.2
UniProt Accession #	Q92905; O15386; Q6AW95; Q86WQ4; Q9BQ17
Molecular Weight	Calculated: 37kDa Observed: 37kDa
NCBI Official Full Name	COP9 signalosome complex subunit 5
NCBI Official Synonym Full Names	COP9 signalosome subunit 5
NCBI Official Symbol	COPS5
NCBI Official Synonym Symbols	CSN5; JAB1; SGN5; MOV-34
NCBI Protein Information	COP9 signalosome complex subunit 5
UniProt Protein Name	COP9 signalosome complex subunit 5
UniProt Gene Name	COPS5
UniProt Synonym Gene Names	CSN5; JAB1; SGN5; Signalosome subunit 5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

