

Rabbit COPS5 Polyclonal Antibody | anti-COPS5 antibody

COPS5 Antibody

CATALOG # AAA303859	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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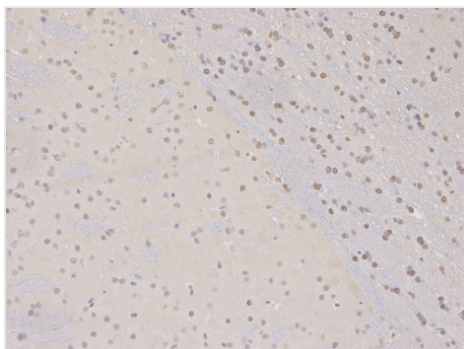
PRODUCT SYNONYMS

COPS5; Polyclonal Antibody; COPS5 Antibody; CSN5; JAB1; MGC3149; MOV-34; SGN5; anti-COPS5 antibody

PRODUCT SPECIFICATIONS

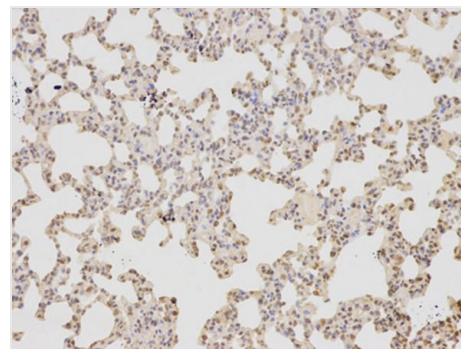
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total COPS5 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	334
Applicable Applications for anti-COPS5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human COPS5.
Target Name	COPS5
Preparation and Storage	Store at -20 degree C

IMAGES



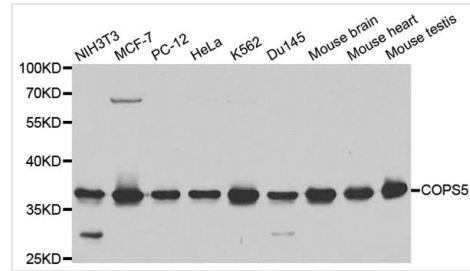
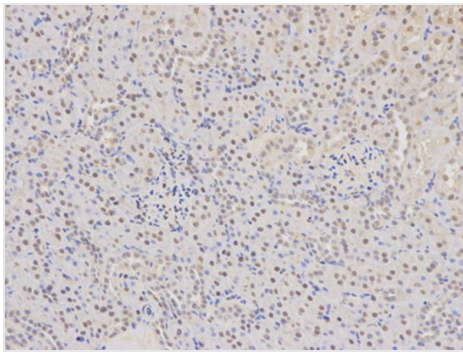
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain using COPS5 antibody at dilution of 1:100 (200x lens).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using COPS5 antibody at dilution of 1:100 (200x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using COPS5 antibody.

IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat kidney using COPS5 antibody at dilution of 1:100 (200x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-COPS5 antibody	The COP9 Signalosome (CSN) is a ubiquitously expressed multiprotein complex that is involved in a vast array of cellular and developmental processes, which is thought to be attributed to its control over the ubiquitin-proteasome pathway. Typically, the CSN is composed of eight highly conserved subunits (CSN1-CSN8), each of which is homologous to one of the eight subunits that form the lid of the 26S proteasome particle, suggesting that these complexes have a common evolutionary ancestor (1). CSN was first identified in <i>Arabidopsis thaliana</i> mutants with a light-grown seedling phenotype when grown in the dark (2-4). The subsequent cloning of the constitutive morphogenesis 9 (<i>cop9</i>) mutant from <i>Arabidopsis thaliana</i> was soon followed by the biochemical purification of the COP9-containing multiprotein complex (4). It is now widely accepted that the CSN directly interacts with cullin-RING ligase (CRL) families of ubiquitin E3 complexes, and that CSN is required for their proper function (5). In addition, CSN may also regulate protein homeostasis through its association with protein kinases and deubiquitinating enzymes. Collectively, these activities position the CSN as a pivotal regulator of the DNA-damage response, cell-cycle control, and gene expression (1).
Product Categories/Family for anti-COPS5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	38027923
NCBI GeneID	10987
NCBI Accession #	NP_006828.2
NCBI GenBank Nucleotide #	NM_006837.2
UniProt Accession #	Q92905 ; O15386 ; Q6AW95 ; Q86WQ4 ; Q9BQ17
Molecular Weight	37,579 Da
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
UniProt Entry Name	CSN5_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cops5-antibody-immunohistochemistry-western-blot-elisa/303859>