

Rabbit COPS2 Polyclonal Antibody | anti-COPS2 antibody

COPS2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197749	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Immunohistochemistry, Western Blot

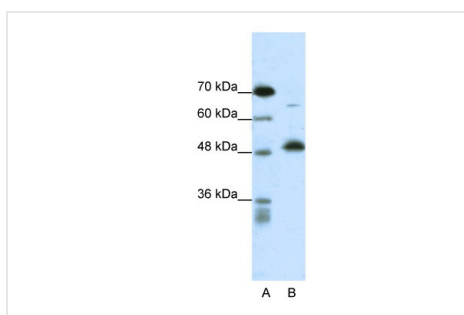
PRODUCT SYNONYMS

COPS2; Polyclonal Antibody; COPS2 antibody - N-terminal region; anti-COPS2 antibody

PRODUCT SPECIFICATIONS

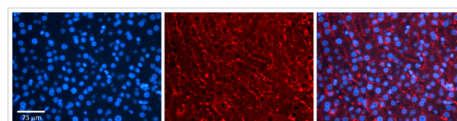
Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS DMEDDFMCDD EEDYDLEYSE DSNSEPNVDL ENQYYNSKAL KEDDPKAA
Sequence Length	443
Applicable Applications for anti-COPS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Goat: 91%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 86%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human COPS2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-COPS2 Antibody Titration: 0.5 ug/ml Positive Control: Fetal Liver



IHC (Immunohistochemistry)

Rabbit Anti-COPS2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue
 Observed Staining: Cytoplasm in hepatocytes and endothelial cells in sinusoids
 Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600
 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200
 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-COPS2 antibody	This is a rabbit polyclonal antibody against COPS2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: COPS2 is an essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8/ICSBP. COPS2 is also innvolved in early stage of neuronal differentiation via its interaction with NIF3L1.
Product Categories/Family for anti-COPS2 antibody	Polyclonal; Transcription Factor; Developmental Biology; Neuroscience; Signal Transduction; E3 & Ubiquitin; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759264
NCBI GeneID	9318
NCBI Accession #	NP_004227
NCBI GenBank Nucleotide #	NM_004236
UniProt Accession #	P61201
Molecular Weight	51kDa
NCBI Official Full Name	COP9 signalosome complex subunit 2 isoform 1
NCBI Official Synonym Full Names	COP9 signalosome subunit 2
NCBI Official Symbol	COPS2
NCBI Official Synonym Symbols	CSN2; SGN2; ALIEN; TRIP15
NCBI Protein Information	COP9 signalosome complex subunit 2
UniProt Protein Name	COP9 signalosome complex subunit 2
UniProt Gene Name	COPS2
UniProt Synonym Gene Names	CSN2; TRIP15; SGN2; Signalosome subunit 2; TR-interacting protein 15; TRIP-15
UniProt Entry Name	CSN2_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/cops2-antibody-immunohistochemistry-western-blot-elisa/197749>