

Rabbit COPS2 Polyclonal Antibody | anti-COPS2 antibody

COPS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA307059	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot

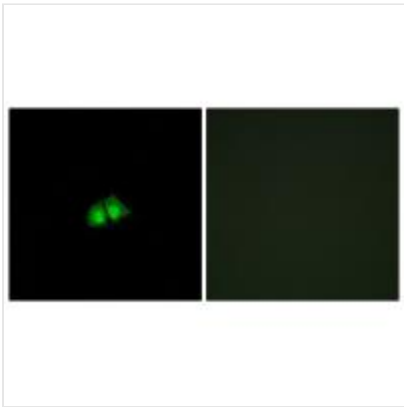
PRODUCT SYNONYMS

COPS2; Polyclonal Antibody; COPS2 Antibody; ALIEN; COP9 constitutive photomorphogenic homolog subunit 2; COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis); COP9 signalosome complex subunit 2; CSN2; anti-COPS2 antibody

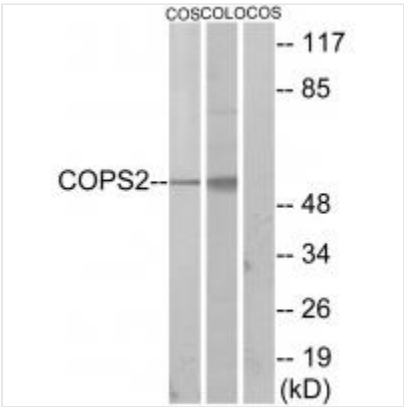
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total COPS2 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	450
Applicable Applications for anti-COPS2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human COPS2.
Target Name	COPS2
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells, using COPS2 antibody.



WB (Western Blot)
Western blot analysis of extracts from COS-7 cells and COLO205 cells, using COPS2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-COPS2 antibody	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, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively. Involved in early stage of neuronal differentiation via its interaction with NIF3L1.Hu R.-M., Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).Lee J.W., Mol. Endocrinol. 9:243-254(1995).Dressel U., Mol. Cell. Biol. 19:3383-3394(1999).
Product Categories/Family for anti-COPS2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	219842262
NCBI GeneID	9318
NCBI Accession #	NP_001137359.1
NCBI GenBank Nucleotide #	NM_001143887.1
UniProt Accession #	P61201; O88950; Q15647; Q6FGP4; Q9BY54; Q9R249; Q9UNI2; Q9UNQ5
Molecular Weight	52,405 Da
NCBI Official Full Name	COP9 signalosome complex subunit 2 isoform 2
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-immunofluorescence-western-blot-elisa/307059>