

COPS2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13429a**Specification**

COPS2 Antibody (N-term) Blocking peptide - Product InformationPrimary Accession [P61201](#)**COPS2 Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 9318**Other Names**

COP9 signalosome complex subunit 2, SGN2, Signalosome subunit 2, Alien homolog, JAB1-containing signalosome subunit 2, Thyroid receptor-interacting protein 15, TR-interacting protein 15, TRIP-15, COPS2, CSN2, TRIP15

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP13429a was selected from the N-term region of COPS2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

COPS2 Antibody (N-term) Blocking peptide - Protein Information**Name** COPS2**Synonyms** CSN2, TRIP15**Function**

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, IκappaBα/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.

Cellular Location

Cytoplasm. Nucleus

COPS2 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

COPS2 Antibody (N-term) Blocking peptide - Images**COPS2 Antibody (N-term) Blocking peptide - Background**

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COPS2 Antibody (N-term) Blocking peptide - References

Kob, R., et al. Cell Cycle 8(13):2041-2049(2009)Leal, J.F., et al. Oncogene 27(14):1961-1970(2008)Fegers, I., et al. J. Proteome Res. 6(11):4182-4188(2007)Tenbaum, S.P., et al. Biochim. Biophys. Acta 1773(9):1447-1454(2007)Papaioannou, M., et al. Nucl Recept Signal 5, E008 (2007) :