

COPS2 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11419**Specification**

COPS2 antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	P61203
Other Accession	NM_004236 , NP_004227
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa

COPS2 antibody - N-terminal region - Additional Information**Gene ID** 261736**Alias Symbol** **ALIEN, CSN2, SGN2, TRIP15****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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-COPS2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

COPS2 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

COPS2 antibody - N-terminal region - 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, 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.

Cellular Location

Cytoplasm. Nucleus

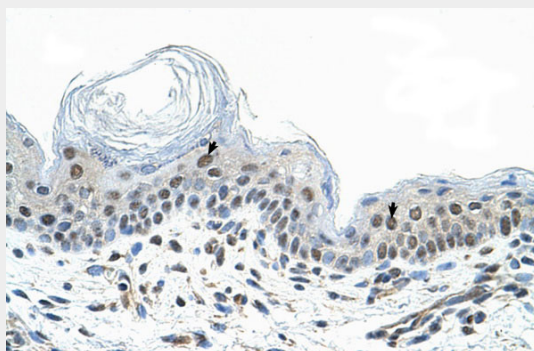
Tissue Location

Ubiquitously expressed.

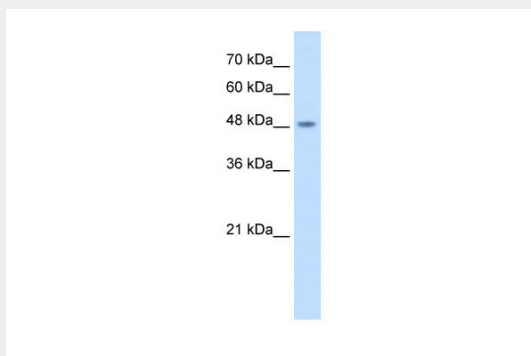
COPS2 antibody - N-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

COPS2 antibody - N-terminal region - Images

Human Skin



WB Suggested Antibody Titration: 2.5 µg/ml

Positive Control: 293TCOPS2 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells

COPS2 antibody - N-terminal region - References

Moehren,U., (2004) (er) Nucleic Acids Res. 32 (10), 2995-3004
Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.
Publications: Pick, E. et al. The minimal denecked core of the COP9 signalosome excludes the Csn6 MPN- domain. PLoS One 7, e43980 (2012). WB, Mouse, Pig, Human, Dog, Zebrafish, H, Rabbit, Bovine, Rat, Guinea pig 22956996