10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

COPS2 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11419

Product Information

Application	WB, IHC
Primary Accession	P61203
Other Accession	NM_004236, NP_004227
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51597

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.

Protein Information

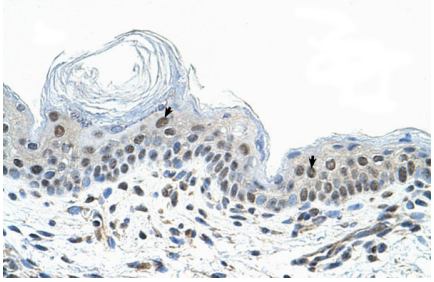
Name	Cops2
Synonyms	Csn2, Trip15
Function	Essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits 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.

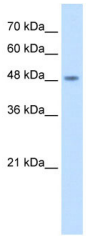
References

Moehren,U., (2004) (er) Nucleic Acids Res. 32 (10), 2995-3004Reconstitution 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 deneddylase 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 pig22956996

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.