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COPS4 Antibody
Rabbit mAb
Catalog # AP92811

Specification

COPS4 Antibody - Product Information

Application	**WB**
Primary Accession	Q9BT78
Reactivity	**Rat**
Clonality	**Monoclonal**
Other Names	
CH4; COPS4; CSN4; DCH4; SGN4;	
Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**46269 Da**

COPS4 Antibody - Additional Information

Dilution	**WB~~1:1000**
Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human COPS4**
Description	**Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

COPS4 Antibody - Protein Information

Name COPS4

Synonyms CSN4

Function
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. Also involved in the deneddylation of non-cullin subunits such as STON2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IkappaBalpha/NFKBIA, ITPK1, IRF8/ICSBP and SNAPIN, 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.

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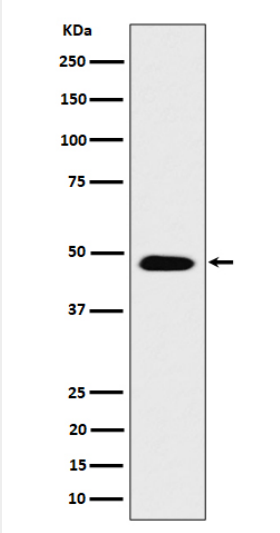
Cellular Location
Cytoplasm. Nucleus. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle

COPS4 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

COPS4 Antibody - Images



Western blot analysis of COPS4 expression in SH-SY5Y cell lysate.