

COPS7A Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51752**Specification**

COPS7A Antibody - Product Information

Application	WB, E
Primary Accession	Q9UBW8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30 KDa

COPS7A Antibody - Additional Information**Gene ID** 50813**Other Names**

COP9 signalosome complex subunit 7a, SGN7a, Signalosome subunit 7a, Dermal papilla-derived protein 10, JAB1-containing signalosome subunit 7a, COPS7A, CSN7A, DERP10

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

COPS7A Antibody - Protein Information**Name** COPS7A**Synonyms** CSN7A, DERP10**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. The complex is also involved in phosphorylation of p53/TP53, JUN, I-kappa-B-alpha/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.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Widely expressed. Expressed at high level in brain, heart and skeletal muscle.

COPS7A 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 Cytometry](#)
- [Cell Culture](#)

COPS7A Antibody - Images**COPS7A Antibody - Background**

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COPS7A Antibody - References

Wang Y., et al. Biochem. J. 366:79-86(2002).
Ikeda A., et al. Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
Okaze H., et al. Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Lau S.K., et al. Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).