

anti- COPS7A antibody

Product Information

Catalog No.:	FNab01873
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

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.

Immunogen information

Immunogen:	COP9 constitutive photomorphogenic homolog subunit 7A(Arabidopsis)
Synonyms:	CSN7A, DERP10
Observed MW:	30 kDa
UniprotID :	Q9UBW8

Application

Wuhan Fine Biotech Co., Ltd.

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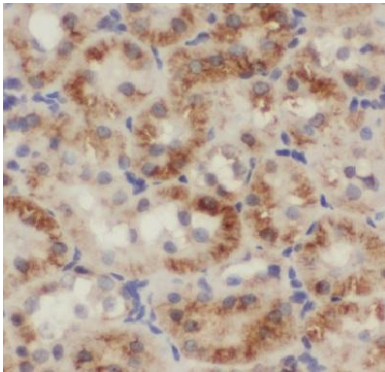
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

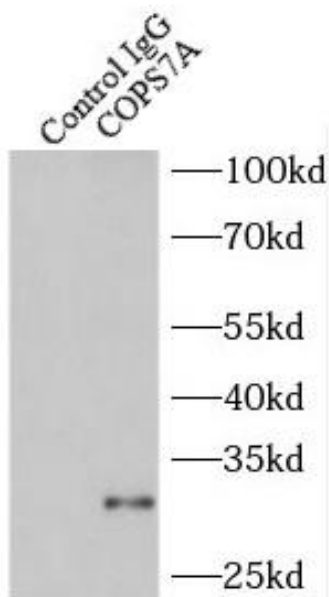
Tested Application: ELISA, WB, IHC, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab01873(COPS7A antibody) at dilution of 1:50



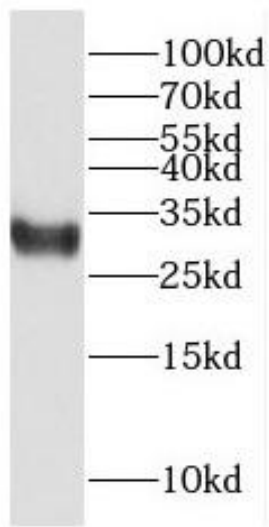
IP Result of anti-COPS7A (IP:FNab01873, 4ug; Detection:FNab01873 1:300) with mouse heart tissue lysate 4000ug.

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human heart tissue were subjected to SDS PAGE followed by western blot with FNab01873(COPS7A antibody) at dilution of 1:300