

anti- COPS4 antibody

Product Information

Catalog No.:	FNab01872
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. 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.

Immunogen information

Immunogen:	COP9 constitutive photomorphogenic homolog subunit 4(Arabidopsis)
Synonyms:	CSN4
Observed MW:	40; 46 kDa
UniprotID :	Q9BT78

Application

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Wuhan Fine Biotech Co., Ltd.

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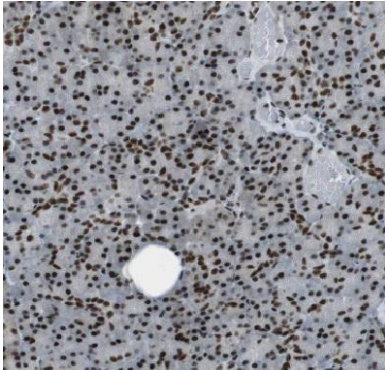
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

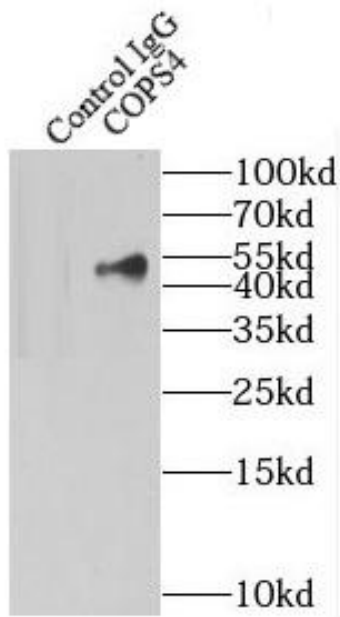
Tested Application: ELISA, WB, IHC, IP

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

Image:



Immunohistochemistry of paraffin-embedded human pancreas tissue slide using FNab01872(COPS4 Antibody) at dilution of 1:50



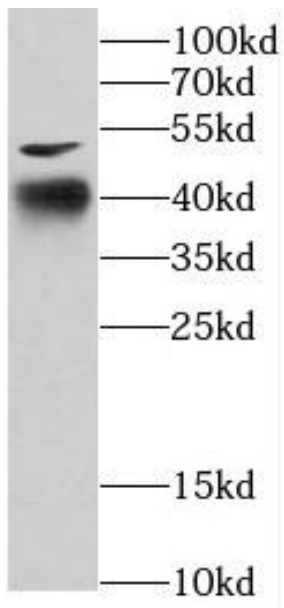
IP Result of anti-COPS4 (IP:FNab01872, 4ug; Detection:FNab01872 1:300) with PC-3 cells lysate 1800ug.

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A2780 cells were subjected to SDS PAGE followed by western blot with FNab01872(COPS4 antibody) at dilution of 1:500