

## anti- COPS3 antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab01871   |
| 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, c-jun/JUN, IκBα/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 3(Arabidopsis) |
| Synonyms:    | CSN3  |
| Observed MW: | 48 kDa  |
| UniprotID :  | Q9UNS2  |

### Application

#### Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 GaoxinAve.East Lake High-Tech Development Zone.Wuhan, Hubei, China(430206)

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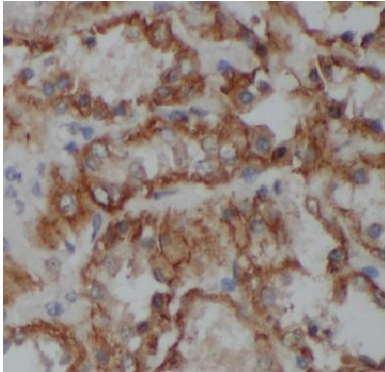
Fax: (0086)027-87800889 [www.fn-test.com](http://www.fn-test.com)

Reactivity: Human, Mouse, Rat

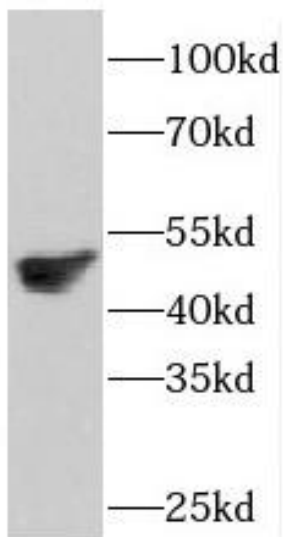
Tested Application: ELISA, WB, IHC, IF

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

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab01871(COPS3 antibody) at dilution of 1:100



human brain tissue were subjected to SDS PAGE followed by western blot with FNab01871(COPS3 antibody) at dilution of 1:500

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