

## 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, IκappaBα/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

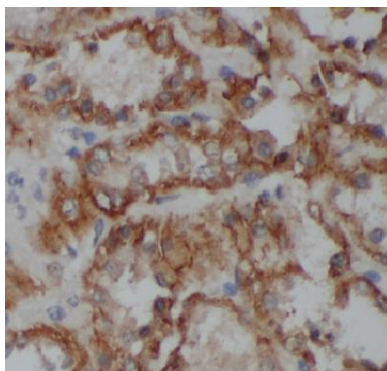
|              |   |
|--------------|---|
| Immunogen:   | COP9 constitutive photomorphogenic homolog subunit 3(Arabidopsis)   |
| Synonyms:    | COP9 signalosome complex subunit 3 (SGN3, Signalosome subunit 3) JAB1-containing signalosome subunit 3 COPS3 CSN3 |
| Observed MW: | 48 kDa  |
| Uniprot ID : | Q9UNS2  |

### Application

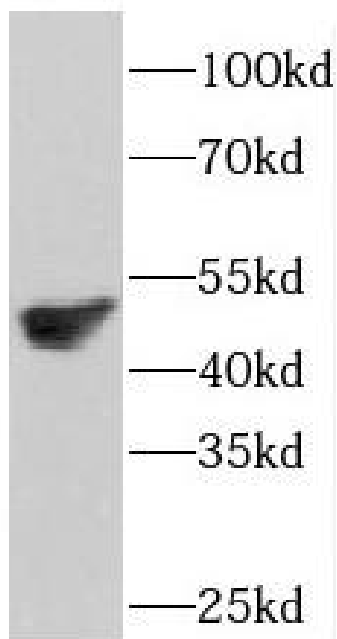
|                     |                    |
|---------------------|--------------------|
| Reactivity:         | Human, Mouse, Rat  |
| Tested Application: | ELISA, WB, IHC, IF |

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