# COPS3 Antibody

**PACO44464**

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC, IP

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000

**Protein 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, IkappaBalpha/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.

**Gene ID:**

COPS3

**Uniprot**

Q9UNS2

**Synonyms:**

COP9 signalosome complex subunit 3 (SGN3) (Signalosome subunit 3) (JAB1-containing signalosome subunit 3), COPS3, CSN3

**Immunogen:**

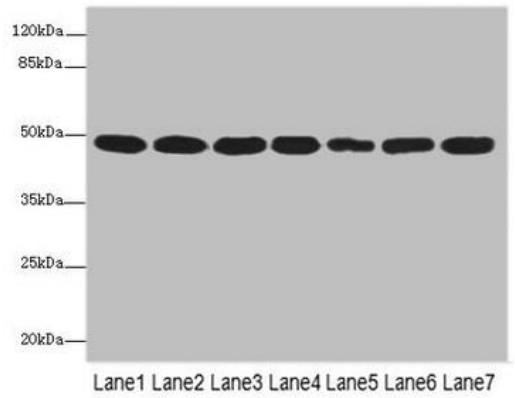
Recombinant Human COP9 signalosome complex subunit 3 protein (194-423AA).

**Storage:**

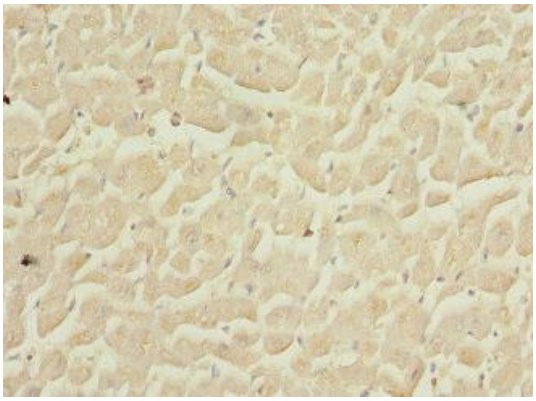
PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

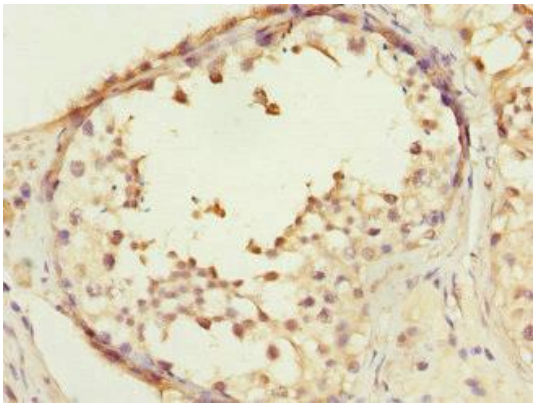
## Product Images




Western blot. All lanes: COPS3 antibody at 3.41µg/ml. Lane 1: MCF-7 whole cell lysate. Lane 2: Hela whole cell lysate. Lane 3: 293T whole cell lysate. Lane 4: HT29 whole cell lysate. Lane 5: Mouse heart tissue. Lane 6: Mouse brain tissue. Lane 7: Mouse ovarian tissue. Secondary. Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 48, 46 kDa. Observed band size: 46 kDa.



Immunohistochemistry of paraffin-embedded human heart tissue using PACO44464 at dilution of 1:100.



Immunohistochemistry of paraffin-embedded human testis tissue using PACO44464 at dilution of 1:100.