Product Datasheet

COPS3 Rabbit mAb

Catalog No: #56528

Package Size: #56528-1 50ul #56528-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	COPS3 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human;Mouse;Rat
Specificity	COPS3 Antibody detects endogenous levels of total COPS3
Immunogen Description	A synthesized peptide derived from human COPS3
Conjugates	Unconjugated
Other Names	COP9 subunit 3; cops3; CSN3; JAB 1 containing signalosome subunit 3; SGN3; Signalosome subunit 3;
Accession No.	Uniprot:Q9UNS2
Calculated MW	48kDa
SDS-PAGE MW	48kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

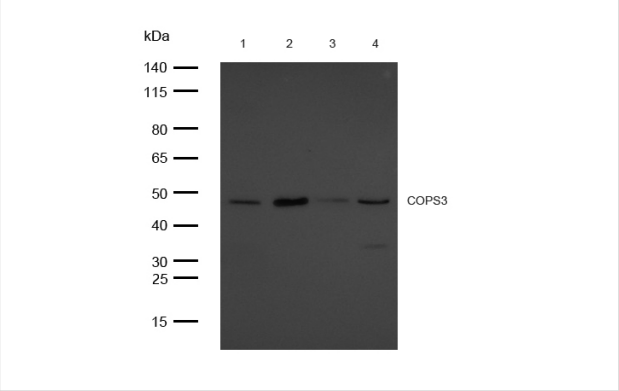
WB:1:500~1:2000

ICC/IF:1:50~1:200

IP:1:50

FC:1:50

Images



All lanes: COPS3 Rabbit mAb at 1/1k dilution

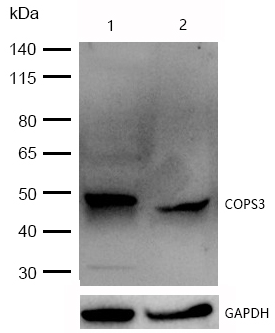
Lane 1 : JK whole cell lysates Lane 2 : MCF7 whole cell lysates Lane 3 : Mouse brain lysates Lane 4 : Rat brain lysates

Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 48 kDa
Observed band size: 48 kDa

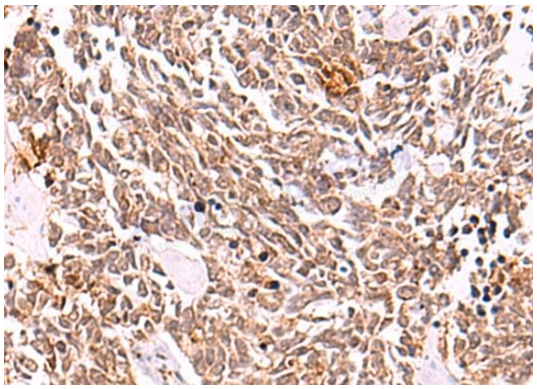
Exposure time: 8 seconds



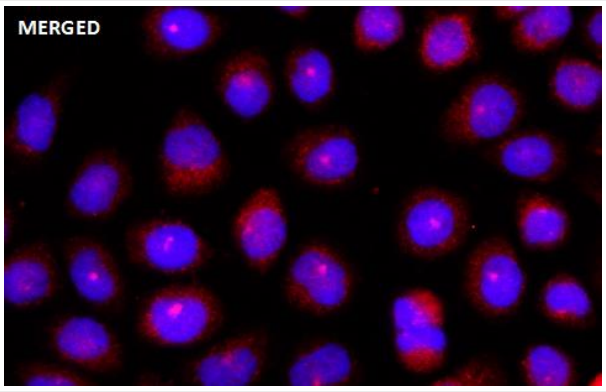
All lanes:COPS3 Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type Hela cell lysate
Lane 2 : COPS3 knockdown Hela cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human lung cancer tissue stained for COPS3 using 56528 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence COPS3 antibody (56528) ICC/IF staining of COPS3 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 56528 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.