

Datasheet for ABIN6260969  
**anti-COPS3 antibody (C-Term)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	COPS3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

## Product Details

Immunogen:	A synthesized peptide derived from human COPS3, corresponding to a region within C-terminal amino acids.
Isotype:	IgG
Specificity:	COPS3 Antibody detects endogenous levels of total COPS3.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

## Target Details

Target:	COPS3
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## Target Details

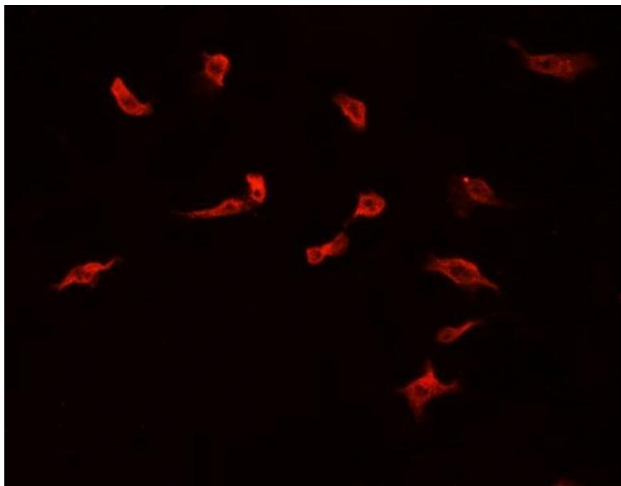
Alternative Name:	COPS3 ( <a href="#">COPS3 Products</a> )
Background:	<p>Description: Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating 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. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IκappaBα/NFκBIA, 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.</p> <p>Gene: COPS3</p>
Molecular Weight:	47kDa
Gene ID:	8533
UniProt:	<a href="#">Q9UNS2</a>
Pathways:	<a href="#">Cell Division Cycle</a>

## Application Details

Application Notes:	WB: 1:500-1:3000, IF/ICC: 1:100-1:500, IHC 1:50-1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

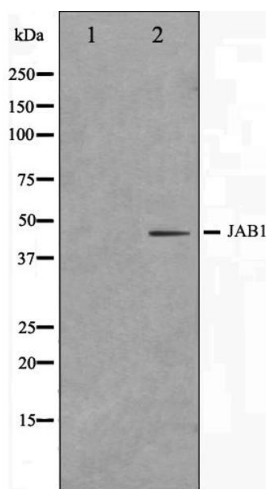
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



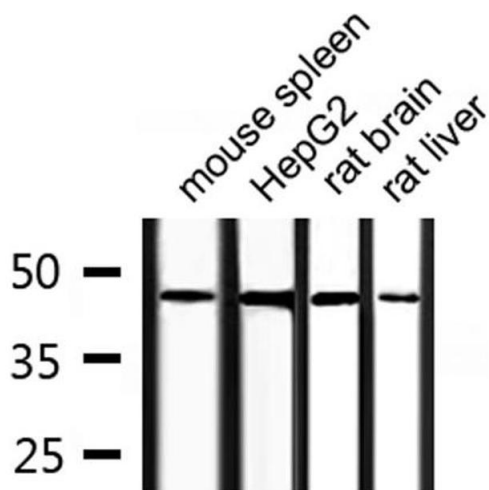
#### Immunofluorescence (fixed cells)

**Image 1.** ABIN6266567 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody (Cat.# S0006), diluted at 1/600, was used as secondary antibody



#### Western Blotting

**Image 2.** Western blot analysis on LOVO cell lysate using COPS3 Antibody. The lane on the left is treated with the antigen-specific peptide.



#### Western Blotting

**Image 3.** Western blot analysis of extracts from HepG2, mouse spleen, rat liver, rat brain, using COPS3 Antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6260969.