

[Go to Product page](#)

## Datasheet for ABIN1386938 **anti-COPS4 antibody**

### Overview

Quantity:	100 µL
Target:	COPS4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human COPS4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	COPS4
Alternative Name:	COPS4 ( <a href="#">COPS4 Products</a> )
Background:	Synonyms: CH4, COP9 constitutive photomorphogenic homolog subunit 4, COP9 complex homolog subunit 4, COP9 complex S4, COP9 constitutive photomorphogenic homolog subunit 4, COP9 signalosome complex subunit 4, COP9 signalosome subunit 4, COPS4, CSN complex

## Target Details

subunit 4, CSN4, CSN4 SCHPO, CSN4\_HUMAN, DCH4, JAB1 containing signalosome subunit 4, JAB1-containing signalosome subunit 4, MGC94896, SGN4, Signalosome subunit 4.

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: 51138

Pathways: [Cell Division Cycle](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months