

Datasheet for ABIN7148493
anti-COPS2 antibody (AA 1-310)

2 Images

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Overview

Quantity:	100 µL
Target:	COPS2
Binding Specificity:	AA 1-310
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human COP9 signalosome complex subunit 2 protein (1-310AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	COPS2
Alternative Name:	COPS2 (COPS2 Products)
Background:	Background: Essential component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential

Target Details

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. Involved in early stage of neuronal differentiation via its interaction with NIF3L1.

Aliases: ALIEN antibody, Alien Drosophila homolog of antibody, Alien homolog antibody, COP 9 antibody, COP9 antibody, COP9 constitutive photomorphogenic homolog subunit 2 (Arabidopsis) antibody, COP9 constitutive photomorphogenic homolog subunit 2 antibody, COP9 signalosome complex subunit 2 antibody, COPS 2 antibody, Cops2 antibody, CSN2 antibody, CSN2_HUMAN antibody, JAB1 containing signalosome subunit 2 antibody, JAB1-containing signalosome subunit 2 antibody, SGN 2 antibody, SGN2 antibody, Signalosome subunit 2 antibody, Thyroid Hormone Receptor Interactor15 antibody, Thyroid Hormone Receptor Interactor 15 antibody, Thyroid receptor-interacting protein 15 antibody, TR-interacting protein 15 antibody, TRIP 15 antibody, TRIP-15 antibody, TRIP15 antibody

UniProt: [P61201](#)

Pathways: [Cell Division Cycle](#)

Application Details

Application Notes: Recommended dilution: WB:1:200-1:1000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

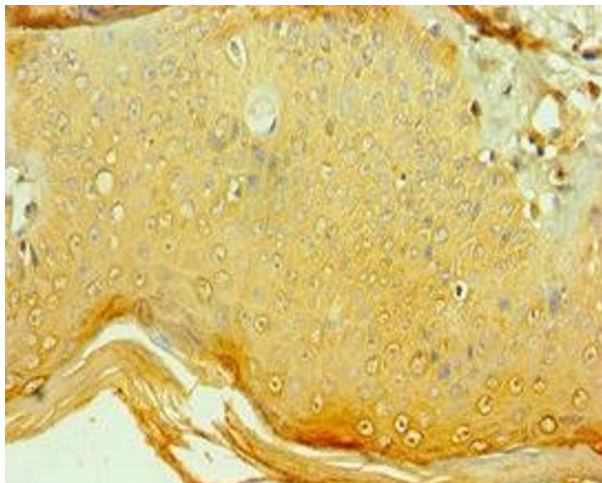
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

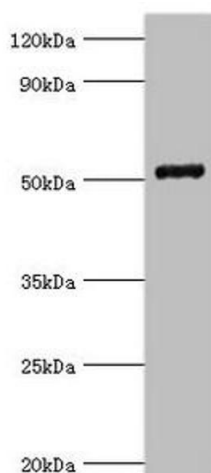
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human skin tissue using ABIN7148493 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: COP9 signalosome complex subunit 2 antibody at 6 µg/mL + Mouse skeletal muscle tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 52, 53 kDa Observed band size: 52 kDa