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Datasheet for ABIN7148504

anti-COPS7B antibody (AA 1-157) (Biotin)

Overview

Quantity:	100 µg
Target:	COPS7B
Binding Specificity:	AA 1-157
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS7B antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human COP9 signalosome complex subunit 7b protein (1-157AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	COPS7B
Alternative Name:	COPS7B (COPS7B Products)
Background:	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

Target Details

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, JUN, I-kappa-B-alpha/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.

Aliases: COP9 Complex Homolog Subunit 7b antibody, COP9 Constitutive Photomorphogenic Homolog Subunit 7b antibody, COP9 Signalosome Subunit 7b antibody, COP9 signalosome complex subunit 7b antibody, COPS7B antibody, CSN7B_HUMAN antibody, JAB1 Containing Signalosome Subunit 7b antibody, JAB1-containing signalosome subunit 7b antibody, SGN7b antibody, Signalosome subunit 7b antibody

UniProt: [Q9H9Q2](#)

Pathways: [Cell Division Cycle](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: 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.