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Datasheet for ABIN1386249
anti-COPS2 antibody

Overview

Quantity:	100 µL
Target:	COPS2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human COPS2/TRIP15
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	COPS2
Alternative Name:	COPS2 (COPS2 Products)
Background:	Synonyms: ALIEN, Alien homolog, COP 9, COP9, COP9 constitutive photomorphogenic homolog subunit 2, COP9 signalosome complex subunit 2, COPS 2, Cops2, CSN2, CSN2_HUMAN, JAB1 containing signalosome subunit 2, JAB1-containing signalosome subunit 2, SGN 2, SGN2,

Target Details

Signalosome subunit 2, Thyroid Hormone Receptor Interactor15, Thyroid Hormone Receptor Interactor 15, Thyroid receptor-interacting protein 15, TR-interacting protein 15, TRIP 15, TRIP-15.

Background: Essential 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/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.

Gene ID: 1447

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