



Anti-COPS7B monoclonal antibody, clone FQS7576 (DCABH-1572)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to CSN7b
Antigen 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, 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.
Immunogen	A synthetic peptide corresponding to residues in Human CSN7b.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Rat, Human
Clone	FQS7576
Conjugate	Unconjugated
Applications	WB, IP, ICC/IF
Positive Control	Jurkat, HeLa, HL-60, and HT-29 cell lysates; HeLa cells
Format	Liquid
Size	100 µl

Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	COPS7B COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis) [Homo sapiens]
Official Symbol	COPS7B
Synonyms	COPS7B; COP9 constitutive photomorphogenic homolog subunit 7B (Arabidopsis); COP9 (constitutive photomorphogenic, Arabidopsis, homolog) subunit 7B; COP9 signalosome complex subunit 7b; CSN7B; SGN7b; signalosome subunit 7b; JAB1-containing signalosome subu
Entrez Gene ID	64708
Protein Refseq	NP_073567
UniProt ID	J3KQ34
Chromosome Location	2q37.1