



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

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

## PRODUCT INFORMATION

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

**Buffer** PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%

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**Storage** store at -20°C. Avoid freeze / thaw cycles.

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**Ship** Shipped at 4°C.

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## GENE INFORMATION

**Gene Name** [COPS7B COP9 constitutive photomorphogenic homolog subunit 7B \(Arabidopsis\) \[ Homo sapiens \]](#)

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**Official Symbol** COPS7B

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**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

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**Entrez Gene ID** [64708](#)

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**Protein Refseq** [NP\\_073567](#)

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**UniProt ID** [J3KQ34](#)

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**Chromosome Location** 2q37.1

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