

COPS7B Antibody (Center)

Catalog_no :	AB3662
Reactivity :	H
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN
Specificity :	This COPS7B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 223-257 amino acids from the Central region of human COPS7B.
Dilution :	WB,1:500-1:1000;
Other_name :	COP9 signalosome complex subunit 7b, SGN7b, Signalosome subunit 7b, JAB1-containing signalosome subunit 7b, COPS7B, CSN7B
Isotype :	Rabbit Ig
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 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.
reference :	Ota T.,et al.Nat. Genet. 36:40-45(2004). Hillier L.W.,et al.Nature 434:724-731(2005). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Bech-Otschir D.,et al.EMBO J. 20:1630-1639(2001). Lyapina S.,et al.Science 292:1382-1385(2