

Nur für Forschungszwecke

JAB1 Polyklonaler Antikörper

Katalog-Nr.:10080-1-AP



Allgemeine Informationen

Katalog-Nr.: 10080-1-AP	GenBank-Zugangsnummer: BC001187	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 247 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 10987	
Wirt: Kaninchen	Vollständiger Name: COP9 constitutive photomorphogenic homolog subunit 5 (Arabidopsis)	
Isotyp: IgG	Berechnete Masse: 37 kDa	
Immunogen Katalognummer: AG0126		

Anwendungen

Geprüfte Anwendungen:
ELISA

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

Probable protease subunit 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 the 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, 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. In the complex, it probably acts as the catalytic center that mediates the cleavage of Nedd8 from cullins. It however has no metalloprotease activity by itself and requires the other subunits of the CSN complex. Interacts directly with a large number of proteins that are regulated by the CSN complex, confirming a key role in the complex. Promotes the proteasomal degradation of BRSK2.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:

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