Datasheet for ABIN499656

anti-COPS8 antibody (C-Term)

1 Image

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Overview

Quantity:	0.1 mg
Target:	COPS8
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPS8 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	CSN8 antibody was raised against a 15 amino acid peptide near the carboxy terminus of the human CSN8.
Isotype:	IgG
Specificity:	This antibody reacts to CSN8.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	COPS8
Alternative Name:	COPS8 (COPS8 Products)
Background:	The COP9 signalosome (CSN) is an evolutionarily conserved protein complex of the eight

Target Details

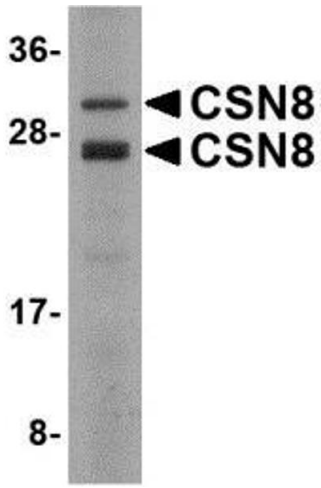
	subunits that interacts with deubiquitinating enzymes and protein kinases and is highly homologous to the lid sub-complex of 26S proteasome. The CSN complex is an essential regulator of the ubiquitin conjugation pathway by mediating the deneddylation of the SCF-type E3 ligase complexes, which leads to a decrease in ubiquitin ligase activity of SCF-comlpexes such as SCF, CSA or DDB2. It is also involved in phosphorylation of p53, c-jun/JUN, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN8 encodes the smallest and the least conserved but first identified subunit of CSN. Recent studies show CSN8 is essential for Drosophila development and is essential for peripheral T cell homeostasis and antigen receptor-induced entry into the cell cycle from quiescence.Synonyms: COP9 signalosome complex subunit 8, CSN8, JAB1-containing signalosome subunit 8, SGN8, Signalosome subunit 8
Gene ID:	10920
NCBI Accession:	NP_006701
UniProt:	Q99627
Pathways:	Cell Division Cycle

Application Details

Application Notes:	ELISA. Western Blot: CSN8 antibody can be used for detection of CSN8 at 1 - 2 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C.



Western Blotting

Image 1. Western blot analysis of CSN8 in Human liver lysate with AP30245PU-N CSN8 antibody at 2 µg/ml.

