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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-CSN8 COPS8 Antibody

Catalog Number: A07142

About COPS8

The COP9 signalosome (CSN) is an evolutionarily conserved protein complex of the eight 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.

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Overview

Product Name	Anti-CSN8 COPS8 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-CSN8 COPS8 Antibody (Catalog # A07142). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	CSN8 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	CSN8 antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q99627

Technical Details

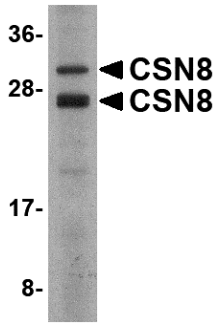
Immunogen	CSN8 antibody was raised against a 15 amino acid synthetic peptide near the carboxy terminus of the human CSN8. The immunogen is located within the last 50 amino acids of CSN8.

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Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	CSN8 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CSN8 antibody can be used for detection of CSN8 by Western blot at 2 ug/mL. Antibody validated: Western Blot in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-CSN8 COPS8 Antibody (A07142) Images



Western blot analysis of CSN8 in Human liver lysate with CSN8 antibody at 2 ug/mL.

Anti-CSN8 COPS8 Antibody

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