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Anti-C2 domain-containing protein 3 C2CD3 Antibody

Catalog Number: A08841

About C2CD3

C2CD3, a putative calcium-dependent lipid-binding protein, is an essential regulator of intracellular transduction of the Hedgehog signal (1). It is localized at the basal body of cilia, mediates calcium-dependent vesicular transport and/or recruitment of proteins and regulates cilium biogenesis by promoting the assembly of centriolar distal appendages critical for docking ciliary vesicles and recruiting other essential ciliogenic proteins (2,3). C2CD3 directly promotes centriole elongation and OFD1 acts as a negative regulator of C2CD3 (4,5).

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Overview

Product Name	Anti-C2 domain-containing protein 3 C2CD3 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-C2 domain-containing protein 3 C2CD3 Antibody (Catalog # A08841). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	C2CD3 antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	C2CD3 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	Q4AC94

Technical Details

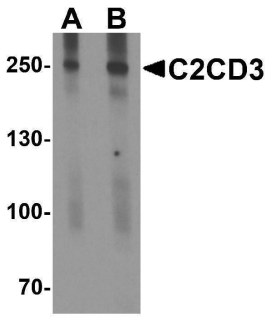
Immunogen	C2CD3 antibody was raised against an 18 amino acid peptide near the center of human C2CD3. The immunogen is located within amino acids 1490 - 1540 of C2CD3.
Predicted Reactive Species	Bovine
Cross Reactivity	C2CD3 antibody is human, mouse and rat reactive.
Isotype	IgG

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Form	Liquid
Concentration	1 mg/mL
Purification	C2CD3 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	C2CD3 antibody can be used for detection of C2CD3 by Western blot at 1 - 2 ug/ml. Antibody validated: Western Blot in mouse 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-C2 domain-containing protein 3 C2CD3 Antibody (A08841) Images



Western blot analysis of C2CD3 in EL4 cell lysate with C2CD3 antibody at (A) 1 and (B) 2 ug/ml.

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