BOSTER BIOLOGICAL TECHNOLOGY
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Anti-EFCAB4A CRACR2B Antibody

Catalog Number: A15005

About EFCAB4A

EFCAB4A, also known as Calcium release-activated calcium channel regulator 2B, is a novel Ca2+-binding EF-hand protein that is thought to play a key role in store-operated Ca2+ entry in T-cells by regulating CRAC channel activation, but the detailed function is still under investigation. It is likely to play a similar role as the related protein EFCAB4B, which acts as a cytoplasmic calcium-sensor that forms a complex with ORAI1 and STIM1 at the junctional regions between the plasma membrane and the endoplasmic reticulum upon low Ca2+ concentration.

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Overview

Product Name	Anti-EFCAB4A CRACR2B Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-EFCAB4A CRACR2B Antibody (Catalog # A15005). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	EFCAB4A Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	EFCAB4A 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	Q8N4Y2

Technical Details

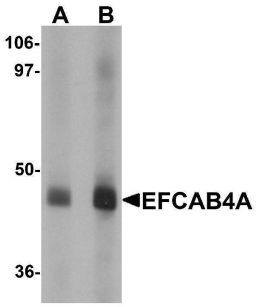
Immunogen	EFCAB4A antibody was raised against a 15 amino acid synthetic peptide near the center of human EFCAB4A. The immunogen is located within amino acids 290 - 340 of EFCAB4A.
Predicted Reactive Species	Bovine
Isotype	IgG

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Form	Liquid
Concentration	1 mg/mL
Purification	EFCAB4A Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	EFCAB4A antibody can be used for detection of EFCAB4A by Western blot at 1 - 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-EFCAB4A CRACR2B Antibody (A15005) Images



Western blot analysis of EFCAB4A in human lung tissue lysate with EFCAB4A antibody at (A) 1 and (B) 2 ug/mL.

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