

Datasheet for ABIN6991439

anti-EFCAB4A antibody (AA 290-340)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	EFCAB4A
Binding Specificity:	AA 290-340
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EFCAB4A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product 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.
Isotype:	IgG
Purification:	EFCAB4A Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	EFCAB4A
Alternative Name:	EFCAB4A (EFCAB4A Products)
Background:	EFCAB4A Antibody: EFCAB4A, also known as Calcium release-activated calcium channel regulator 2B, is a novel Ca ²⁺ -binding EF-hand protein that is thought to play a key role in store-operated Ca ²⁺ entry in T-cells by regulating CRAC channel activation, but the detailed function

Target Details

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.

Gene ID: 283229

NCBI Accession: [NP_775855](#)

UniProt: [Q8N4Y2](#)

Application Details

Application Notes: EFCAB4A antibody can be used for detection of EFCAB4A by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: EFCAB4A Antibody is supplied in 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: -20 °C, 4 °C

Storage Comment: EFCAB4A antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.