

Datasheet for ABIN5596755
anti-Stim2 antibody (N-Term)



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Overview

Quantity:	100 µg
Target:	Stim2
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	STIM2 Antibody
Immunogen:	Immunogen: Stim II affinity purified antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide near the N-terminus of human Stim II. Immunogen Type: Conjugated Peptide
Isotype:	IgG
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with mouse and human based on 100 % sequence homology.
Characteristics:	Synonyms: rabbit anti-STIM2 antibody, Stromal interaction molecule 2, STIM-2, STIM 2
Purification:	Anti-Stim II was affinity purified from monospecific antiserum by immunoaffinity chromatography.
Sterility:	Sterile filtered

Target Details

Target:	Stim2
Alternative Name:	STIM2 (Stim2 Products)
Background:	Background: Stim II antibody functions as a calcium sensor in the endoplasmic reticulum via its EF-hand domain. After depletion of Ca ⁺² , it is thought to translocate from the endoplasmic reticulum to the plasma membrane to activate the calcium release-activated channel subunit. It may inhibit STIM1-mediated calcium influx. Anti-Stim II antibody is ideal for investigators interested in Signal Transduction research.
UniProt:	Q9P246
Pathways:	TCR Signaling , BCR Signaling

Application Details

Application Notes:	Application Note: Anti-Stim II antibody is useful for ELISA, immunohistochemistry, and Western Blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately ~84 kDa corresponding to the appropriate cell lysate or extract. Western Blot Dilution: 1 µg/mL ELISA Dilution: 1: 10,000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1.04 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 30 % Glycerol
Storage:	4 °C,-20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiry Date:	12 months