

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
Conjugate:	This Stim2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

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: Peptide
Isotype:	IgG
Cross-Reactivity (Details):	A BLAST analysis was used to suggest cross-reactivity with mouse and human based on 100% sequence homology. Cross-reactivity with Stim II from other sources has not been determined.
Purification:	Anti-Stim II was affinity purified from monospecific antiserum by immunoaffinity chromatography.

## Target Details

Target:	Stim2
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## Target Details

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Alternative Name: Stim2 ([Stim2 Products](#))

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Background: Synonyms: Stromal interaction molecule 2, STIM2  
Background: Stim II antibody functions as a calcium sensor in the endoplasmic reticulum via its EF-hand domain. After depletion of Ca<sup>+2</sup>, it is thought to translocate from the endoplasmic reticulum to the plasma membrane to activate the calicum release-activated channel subunit. It may inhibit STIM1-mediated calcium influx. Anti-Stim II antibody is ideal for investigators interested in Signal Transduction research.  
Gene Name: STIM2

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Pathways: [TCR Signaling](#), [BCR Signaling](#)

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## Application Details

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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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1.04 mg/mL

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Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  
Stabilizer: 30 % Glycerol

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Storage: 4 °C, -20 °C

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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.

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Expiry Date: 12 months

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