

Datasheet for ABIN7450784
anti-Stim2 antibody (AA 600-650)



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Overview

Quantity:	100 µg
Target:	Stim2
Binding Specificity:	AA 600-650
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stim2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-STIM2 Antibody, Affinity Purified
Immunogen:	Between AA 600 and 650
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	Stim2
Alternative Name:	STIM2 (Stim2 Products)
Background:	Background: STIM2 (stromal interaction molecule 2) plays a role in mediating store-operated Ca(2+) entry (SOCE), a Ca(2+) influx following depletion of intracellular Ca(2+) stores. Stim2

Target Details

functions as a highly sensitive Ca(2+) sensor in the endoplasmic reticulum which activates both store-operated and store-independent Ca(2+)-influx. It regulates basal cytosolic and endoplasmic reticulum Ca(2+) concentrations. Upon mild variations of the endoplasmic reticulum Ca(2+) concentration, STIM2 translocates from the endoplasmic reticulum to the plasma membrane where it probably activates the Ca(2+) release-activated Ca(2+) (CRAC) channels ORAI1, ORAI2 and ORAI. STIM2 may inhibit STIM1-mediated Ca(2+) influx [taken from the Universal Protein Resource (UniProt) Q9P246].

Gene ID: 57620

NCBI Accession: [NP_065911](#)

UniProt: [Q9P246](#)

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

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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: 4 °C

Expiry Date: 12 months