Datasheet for ABIN6990745

anti-Stim2 antibody (C-Term)

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Overview

Quantity:	0.1 mg
Target:	Stim2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stim2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	STIM2 antibody was raised against a 18 amino acid synthetic peptide from near the carboxy terminus of human STIM2. The immunogen is located within the last 50 amino acids of STIM2.
Isotype:	IgG
Purification:	STIM2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Stim2
Alternative Name:	STIM2 (Stim2 Products)
Background:	STIM2 Antibody: In T lymphocytes, the sole pathway for Ca++ entry following antigen-receptor binding is through store-operated Ca++-release-activated Ca++ (CRAC) channels. These

Target Details

	channels are made up of the pore-forming subunit ORAI1 and the stromal interaction molecule 1 (STIM1), a protein that functions as a Ca++ sensor and activates the CRAC channels, migrating to the plasma membrane from endoplasmic reticulum (ER)-like sites which act as the Ca++ store. A related molecule, STIM2, acts to inhibit the STIM1-mediated store-operated Ca++ entry, and can form complexes with STIM1, suggesting they may play a coordinated role in controlling Ca++ entry. At least three isoforms of STIM2 are known to exist. This STIM2 antibody is predicted to have no cross-reactivity to STIM1.
Gene ID:	57620
NCBI Accession:	NP_065911
UniProt:	Q9P246
Pathways:	TCR Signaling, BCR Signaling

Application Details

Application Notes:	STIM2 antibody can be used for detection of STIM2 by Western blot at 0.5 - 1 µ,g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µ,g/mL. For immunofluorescence start at 20 µ,g/mL. Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	STIM2 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:	STIM2 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.

