

Datasheet for ABIN1399561

anti-STIM1 antibody (AA 85-180) (Biotin)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	STIM1
Binding Specificity:	AA 85-180
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STIM1 antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human STIM1
Isotype:	IgG
Specificity:	May cross react with STIM2
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	STIM1
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Target Details

Alternative Name:	STIM1 (STIM1 Products)
Background:	Synonyms: GOK, TAM, TAM1, IMD10, STRMK, D11S4896E, Stromal interaction molecule 1, STIM1 Background: Plays a role in mediating store-operated Ca(2+) entry (SOCE), a Ca(2+) influx following depletion of intracellular Ca(2+) stores. Acts as Ca(2+) sensor in the endoplasmic reticulum via its EF-hand domain. Upon Ca(2+) depletion, translocates from the endoplasmic reticulum to the plasma membrane where it activates the Ca(2+) release-activated Ca(2+) (CRAC) channel subunit, TMEM142A/ORAI1.
Gene ID:	6786
UniProt:	Q13586
Pathways:	TCR Signaling , BCR Signaling

Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months