

Anti-STIM2 Antibody Picoband® HRP Conjugated

Catalog Number: A02345-4-HRP

About STIM2

Stromal interaction molecule 2 (STIM2) is a protein that in humans is encoded by the STIM2 gene. This gene is a member of the stromal interaction molecule (STIM) family and likely arose, along with related family member STIM1, from a common ancestral gene. The encoded protein functions to regulate calcium concentrations in the cytosol and endoplasmic reticulum, and is involved in the activation of plasma membrane Orai Ca(2+) entry channels. This gene initiates translation from a non-AUG (UUG) start site. A signal peptide is cleaved from the resulting protein. Multiple transcript variants result from alternative splicing.

Overview

Product Name	Anti-STIM2 Antibody Picoband® HRP Conjugated
Reactive Species	Human, Rat
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q9P246

Technical Details

Immunogen	E.coli-derived human STIM2 recombinant protein (Position: L458-H726). Human STIM2 shares 89.2% amino acid (aa) sequence identity with mouse STIM2.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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