

Datasheet for ABIN954979  
**anti-Stim2 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	0.4 mL
Target:	Stim2
Binding Specificity:	AA 97-127, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stim2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 97-127 amino acids from the N-terminal region of Human STIM2 Genename: STIM2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human STIM2 (N-term).
Purification:	Affinity Chromatography on Protein A

## Target Details

Target:	Stim2
Alternative Name:	STIM2 ( <a href="#">Stim2 Products</a> )

## Target Details

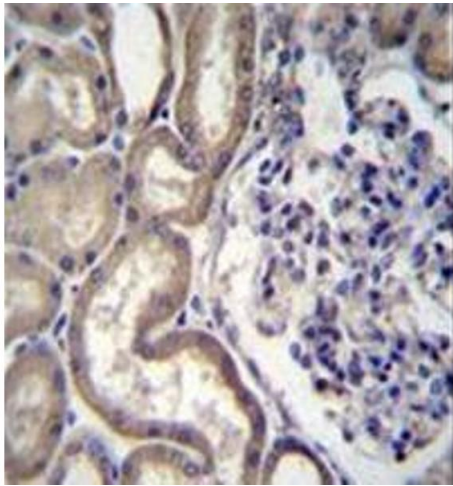
Background:	This gene is a member of the stromal interaction molecule (STIM) family and likely arose, along with related family member STIM1, from a common ancestral gene. The encoded protein functions to regulate calcium concentrations in the cytosol and endoplasmic reticulum, and is involved in the 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. Synonyms: KIAA1482, Stromal interaction molecule 2
Molecular Weight:	83971 Da
Gene ID:	57620
NCBI Accession:	<a href="#">NP_001162588</a>
Pathways:	<a href="#">TCR Signaling</a> , <a href="#">BCR Signaling</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

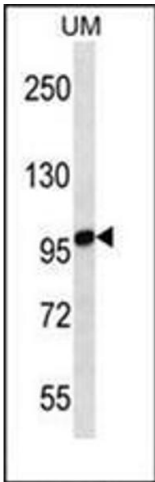
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin fixed, paraffin embedded human kidney tissue stained with STIM2 Antibody (N-term) followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of STIM2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



#### Western Blotting

**Image 2.** Western blot analysis of STIM2 Antibody (N-term) in UM cell line lysates (35ug/lane). This demonstrates the STIM2 antibody detected the STIM2 protein (arrow)