Datasheet for ABIN7270611

anti-Stim2 antibody (AA 60-180)

5 Images

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Overview

Quantity:	100 µL
Target:	Stim2
Binding Specificity:	AA 60-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Stim2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	STIM2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 60-180 of human STIM2 (NP_001162588).
Sequence:	CFTEEDRFSL EALQTIHKQM DDDKDGGIEV EESDEFIRED MKYKDATNKH SHLHREDKHI TIEDLWKRWK TSEVHNWTLE DTLQWLIEFV ELPQYEKNFR DNNVKGTTLP RIAVHEPSFM I
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details

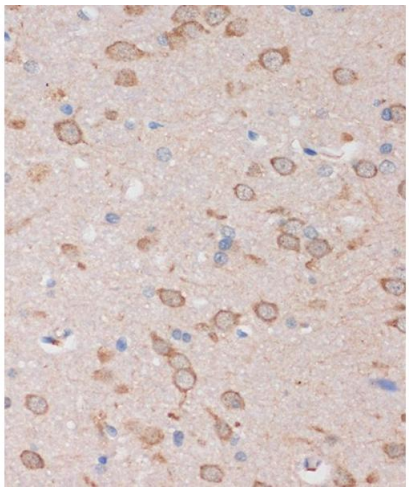
Target:	Stim2
Alternative Name:	STIM2 (Stim2 Products)
Background:	This gene is a member of the stromal interaction molecule (STIM) family and likely arose, along with related family member STIM1, from a common ancestral gene. The encoded protein functions to regulate calcium concentrations in the cytosol 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. [provided by RefSeq, Dec 2009],STIM2,Signal Transduction,Neuroscience,Calcium Signaling,STIM2
Molecular Weight:	68kDa/83kDa/93kDa
Gene ID:	57620
UniProt:	Q9P246
Pathways:	TCR Signaling, BCR Signaling

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

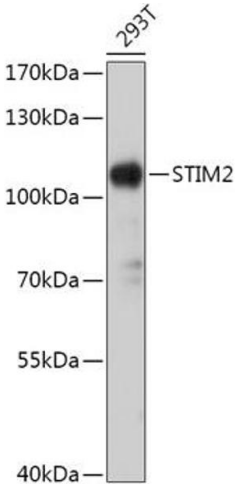
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



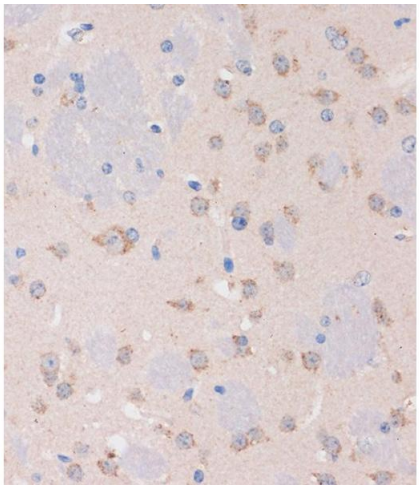
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded Rat brain using STIM2 Rabbit pAb (ABIN7270611) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of 293T cells, using STIM2 antibody (ABIN7270611) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded Mouse brain using STIM2 Rabbit pAb (ABIN7270611) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Please check the product details page for more images. Overall 5 images are available for ABIN7270611.

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