

Rabbit STIM2 Polyclonal Antibody | anti-STIM2 antibody

STIM2 Rabbit pAb

CATALOG # AAA281843	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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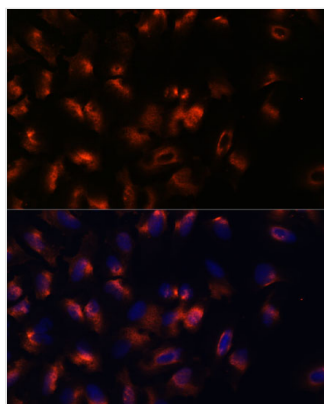
PRODUCT SYNONYMS

STIM2; Polyclonal Antibody; STIM2 Rabbit pAb; anti-STIM2 antibody

PRODUCT SPECIFICATIONS

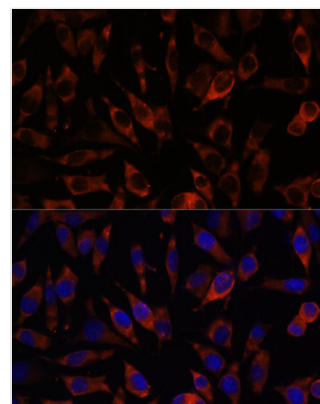
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	CFTEEDRFSL EALQTIHKQM DDDKDGGIEV EESDEFIRD MKYKDATNKH SHLHREDKHI TIEDLWKRWK TSEVHNWTL E DTLQWLIEFV ELPQYEKNFR DNNVKGTTLP RIAVHEPSFM I
Applicable Applications for anti-STIM2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 60-180 of human STIM2 (NP_001162588).
Positive Samples	293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



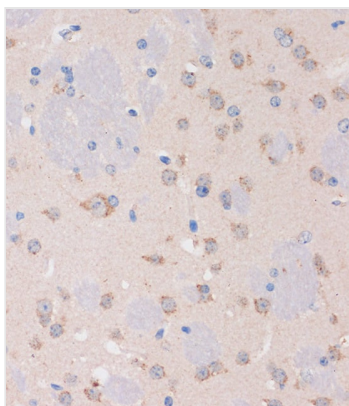
IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using STIM2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



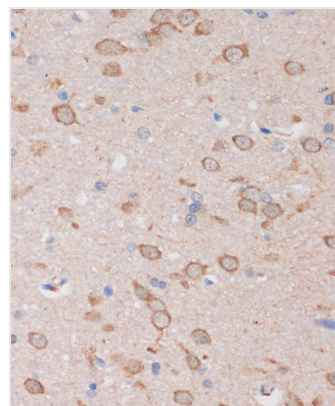
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using STIM2 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



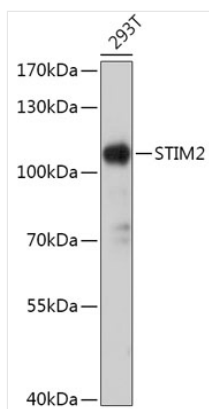
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse brain using STIM2 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat brain using STIM2 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of 293T cells, using STIM2 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

ADDITIONAL INFORMATION

Related Product Information for anti-STIM2 antibody	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]
Product Categories/Family for anti-STIM2 antibody	Neuroscience; Calcium Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	41349446
NCBI GeneID	57620
NCBI Accession #	NP_065911
NCBI GenBank Nucleotide #	NM_020860.2
UniProt Accession #	Q9P246; Q96BF1; Q9BQH2; Q9H8R1; A6H8L7; B7ZVY0
Molecular Weight	68,026 Da
NCBI Official Full Name	stromal interaction molecule 2

NCBI Official Synonym Full Names	stromal interaction molecule 2
NCBI Official Symbol	STIM2
NCBI Protein Information	stromal interaction molecule 2
UniProt Protein Name	Stromal interaction molecule 2
UniProt Gene Name	STIM2
UniProt Synonym Gene Names	KIAA1482
UniProt Entry Name	STIM2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/stim2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281843>