

Rabbit STIM1 Polyclonal Antibody | anti-STIM1 antibody

STIM1 Polyclonal Antibody

CATALOG # AAA311517	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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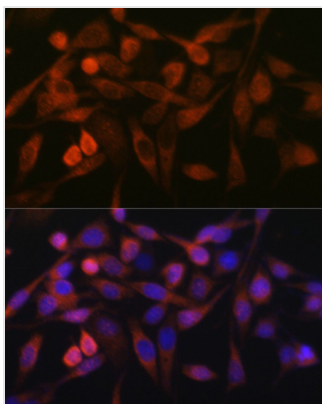
PRODUCT SYNONYMS

STIM1; Polyclonal Antibody; STIM1 Polyclonal Antibody; D11S4896E; GOK; IMD10; STRMK; TAM; TAM1; stromal interaction molecule 1; anti-STIM1 antibody

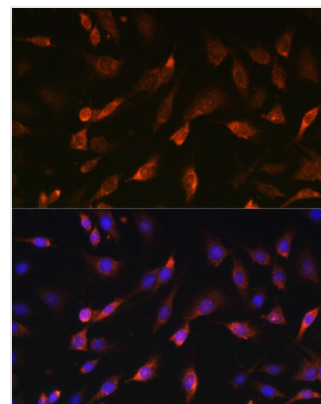
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-STIM1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human STIM1 (NP_003147.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

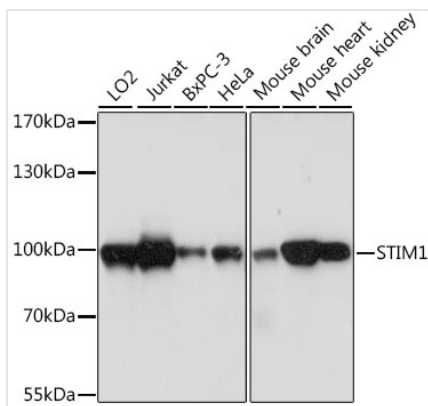
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using STIM1 antibody.


IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using STIM1 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using STIM1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STIM1 antibody

This gene encodes a type 1 transmembrane protein that mediates Ca^{2+} influx after depletion of intracellular Ca^{2+} stores by gating of store-operated Ca^{2+} influx channels (SOCs). It is one of several genes located in the imprinted gene domain of 11p15.5, an important tumor-suppressor gene region. Alterations in this region have been associated with the Beckwith-Wiedemann syndrome, Wilms tumor, rhabdomyosarcoma, adrenocortical carcinoma, and lung, ovarian, and breast cancer. This gene may play a role in malignancies and disease that involve this region, as well as early hematopoiesis, by mediating attachment to stromal cells. Mutations in this gene are associated with fatal classic Kaposi sarcoma, immunodeficiency due to defects in store-operated calcium entry (SOCE) in fibroblasts, ectodermal dysplasia and tubular aggregate myopathy. This gene is oriented in a head-to-tail configuration with the ribonucleotide reductase 1 gene (RRM1), with the 3' end of this gene situated 1.6 kb from the 5' end of the RRM1 gene. Alternative splicing of this gene results in multiple transcript variants.

Product Categories/Family for anti-STIM1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	21070997
NCBI GeneID	6786
UniProt Accession #	Q13586; Q8N382
NCBI Official Full Name	stromal interaction molecule 1 [Homo sapiens]
NCBI Official Synonym Full Names	stromal interaction molecule 1
NCBI Official Symbol	STIM1
NCBI Official Synonym Symbols	GOK; D11S4896E; STIM1
UniProt Protein Name	Stromal interaction molecule 1
UniProt Gene Name	STIM1
UniProt Synonym Gene Names	GOK
UniProt Entry Name	STIM1_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://stage.aaabiotech.com/polyclonal/stim1-antibody-immunofluorescence-western-blot-elisa/311517>