

Rabbit anti-Human, Mouse STIM2 Polyclonal Antibody | anti-STIM2 antibody

STIM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232698	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

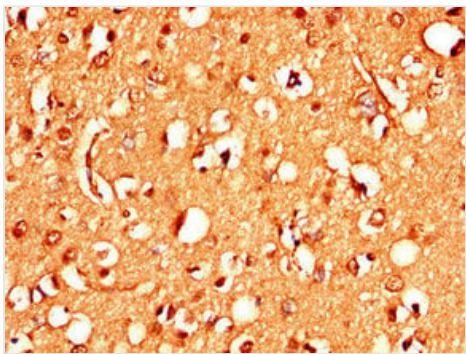
PRODUCT SYNONYMS

STIM2; Polyclonal Antibody; STIM2 Antibody; Stromal interaction molecule 2; KIAA1482; anti-STIM2 antibody

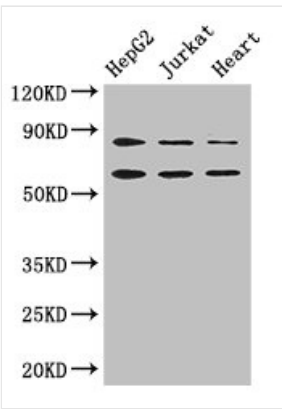
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	599
Applicable Applications for anti-STIM2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Stromal interaction molecule 2 protein (471-656AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-292638 / sc-79108 / sc-79110 / sc-79111
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded human brain tissue using AAA232698 at dilution of 1:100



WB (Western Blot)
Western BlotPositive WB detected in:HepG2 whole cell lysate,Jurkat whole cell lysate,Mouse heart tissueAll lanes: STIM2 antibody at 2.8ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 84,94,69 kDaObserved band size: 84,69 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-STIM2 antibody

Plays a role in mediating store-operated Ca(2+) entry (SOCE), a Ca(2+) influx following depletion of intracellular Ca(2+) stores. Functions as a highly sensitive Ca(2+) sensor in the endoplasmic reticulum which activates both store-operated and store-independent Ca(2+)-influx. Regulates basal cytosolic and endoplasmic reticulum Ca(2+) concentrations. Upon mild variations of the endoplasmic reticulum Ca(2+) concentration, translocates from the endoplasmic reticulum to the plasma membrane where it probably activates the Ca(2+) release-activated Ca(2+) (CRAC) channels ORAI1, ORAI2 and ORAI3. May inhibit STIM1-mediated Ca(2+) influx.

NCBI AND UNIPROT INFORMATION

NCBI GI #	281182836
NCBI GeneID	57620
NCBI Accession #	NP_001162588.1
NCBI GenBank Nucleotide #	NM_001169117.1
UniProt Accession #	Q9P246; Q96BF1; Q9BQH2; Q9H8R1; A6H8L7; B7ZVY0
Molecular Weight	68,026 Da
NCBI Official Full Name	stromal interaction molecule 2 isoform 3
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.