

Rabbit SIT1 Polyclonal Antibody | anti-SIT1 antibody

SIT1 Antibody (C-term)

CATALOG # AAA285104	HOST Rabbit	REACTIVITY Human Predicted Reactivity: Rat	APPLICATIONS ELISA, Western Blot
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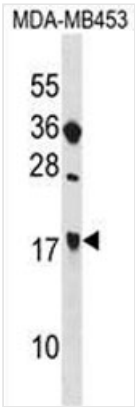
PRODUCT SYNONYMS

SIT1; Polyclonal Antibody; SIT1 Antibody (C-term); Signaling threshold-regulating transmembrane adapter 1; SHP2-interacting transmembrane adapter protein; Suppression-inducing transmembrane adapter 1; gp30/40; SIT; anti-SIT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Rat
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SIT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 161-189 amino acids from the C-terminal region of human SIT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	161-189
Sequence Length	196
Applicable Applications for anti-SIT1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells. Involved in positive selection of T-cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Specifically expressed in T- and B-cells. Present in plasma cells but not in germinal center B-cells (at protein level) Expressed in T- and B-cell lymphoma.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
SIT1 Antibody (C-term) (AAA285104) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the SIT1 antibody detected the SIT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SIT1 antibody	Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells. Involved in positive selection of T-cells.
Product Categories/Family for anti-SIT1 antibody	Signal Transduction
References	Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Tedoldi, S., et al. Blood 107(1):213-221(2006) Tao, W.A., et al. Nat. Methods 2(8):591-598(2005) Tao, W.A., et al. Nat. Methods 2(8):591-598(2005) Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657577
NCBI GeneID	27240
NCBI Accession #	NP_055265.1
NCBI GenBank Nucleotide #	NM_014450.2
UniProt Accession #	Q9Y3P8 ; B2RBP9
Molecular Weight	21126
NCBI Official Full Name	signaling threshold-regulating transmembrane adapter 1
NCBI Official Synonym Full Names	signaling threshold regulating transmembrane adaptor 1
NCBI Official Symbol	SIT1
NCBI Official Synonym Symbols	SIT; SIT-R
NCBI Protein Information	signaling threshold-regulating transmembrane adapter 1
UniProt Protein Name	Signaling threshold-regulating transmembrane adapter 1
UniProt Gene Name	SIT1
UniProt Synonym Gene Names	SIT
UniProt Entry Name	SIT1_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/sit1-antibody-western-blot-elisa/285104>