

Rabbit ST2 Polyclonal Antibody | anti-ST2 antibody

RABBIT ANTI MOUSE ST2 (N-TERMINAL)

CATALOG # AAA49989	HOST Rabbit	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

ST2; Polyclonal Antibody; RABBIT ANTI MOUSE ST2 (N-TERMINAL); anti-ST2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	337
Applicable Applications for anti-ST2 antibody	WB (Western Blot)
Perservative Stabilisers	0.02% Sodium Azide
Immunogen	A 16 amino acid synthetic peptide located near mouse ST2 amino-terminus. This peptide is common to the three known isoforms of ST2.
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antisera to mouse ST2 (NT) were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.
Target Species	Mouse
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

ADDITIONAL INFORMATION

Related Product Information for anti-ST2 antibody	Rabbit anti Mouse ST2 (N-Terminal) antibody recognizes an epitope within the N-Terminal region (NT) of mouse ST2, a member of the Toll-interleukin 1 receptor (TIR) superfamily, expressed by mast cells and TH2 helper cells, but not by TH1 effector cells. The majority of TIR superfamily members, which includes the Interleukin-1 receptor (IL-1R1), Toll-like receptors (TLRs) and the cytosolic adaptor proteins MyD88, TIRAP, Trif and TRAM, initiate innate immunity through the ultimate activation of the transcription factor NF-kappaB and are inducers of the inflammatory response. In contrast ST2, which itself is unable to activate NF-kappaB, has been identified as a negative regulator of IL-1R1 and TLR4 signaling by sequestering MyD88 and TIRAP in line with its role as a crucial receptor in TH2-cell mediated responses (Brint et al. 2004 and Coyle et al. 1999).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71037395
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NCBI GeneID	17082
NCBI Accession #	NP_001020773.1
NCBI GenBank Nucleotide #	NM_001025602.3
UniProt Accession #	P14719 ; Q05208
NCBI Official Full Name	interleukin-1 receptor-like 1 isoform a
NCBI Official Synonym Full Names	interleukin 1 receptor-like 1
NCBI Official Symbol	IL1rl1
NCBI Official Synonym Symbols	T1; St2; DER4; Ly84; ST2L; Fit-1; T1/ST2; St2-rs1
NCBI Protein Information	interleukin-1 receptor-like 1; lymphocyte antigen 84
UniProt Protein Name	Interleukin-1 receptor-like 1
UniProt Gene Name	IL1rl1
UniProt Synonym Gene Names	Ly84; St2; Ste2
UniProt Entry Name	ILRL1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/st2-antibody-western-blot-elisa/49989>