

Rabbit anti-Human, Mouse ST2 Polyclonal Antibody | anti-ST2 antibody

ST2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA308271	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

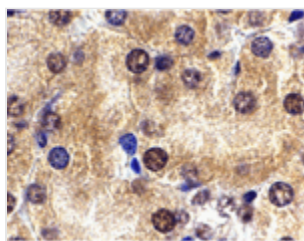
PRODUCT SYNONYMS

ST2; Polyclonal Antibody; ST2 Antibody; anti-ST2 antibody

PRODUCT SPECIFICATIONS

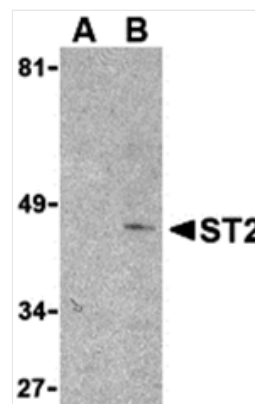
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	567
Applicable Applications for anti-ST2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to 16 amino acids at the amino-terminus of mouse ST2. This peptide is common to all three known ST2 isoforms.
Target Name	ST2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of ST2 in mouse kidney tissue with ST2 antibody at 2 ug/mL.



WB (Western Blot)

Western blot analysis of ST2 in mouse kidney lysate with ST2 antibody at 1 ug/mL in the presence (lane A) or absence (lane B) of 1 ug blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ST2 antibody	ST2 is a member of a superfamily containing the interleukin-1 receptor and the Toll-like receptors (TLRs). The TLRs are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. ST2 was originally identified as a protein whose production was stimulated by various proliferation-inducing agents such as PDGF and FGF. More recently, it has been shown to negatively regulate IL-1 receptor and Toll-like receptor (TLR) 4 signaling and to maintain endotoxin tolerance. It has been suggested that the inhibition of TLR4 signaling occurs through the association and sequestering of TLR adaptor molecules such as MyD88 and TIRAP.
Product Categories/Family for anti-ST2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	286101
Molecular Weight	38,502 Da
NCBI Official Full Name	ST2L protein
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/st2-antibody-immunohistochemistry-western-blot-elisa/308271>