

Datasheet for ABIN6990249

anti-IL1RL1 antibody (N-Term)[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	IL1RL1
Binding Specificity:	AA 40-90, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL1RL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	ST2 antibody was 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. The immunogen is located within amino acids 40 - 90 of ST2.
Isotype:	IgG
Purification:	ST2 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IL1RL1
Alternative Name:	ST2 (IL1RL1 Products)
Background:	ST2 Antibody: ST2 is a member of a superfamily containing the interleukin-1 receptor and the

Target Details

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.

Gene ID: 17082

UniProt: [P14719](#)

Application Details

Application Notes: ST2 antibody can be used for the detection of ST2 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 5 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human and mouse samples and Immunofluorescence in human and mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: ST2 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: ST2 antibody can be stored at 4°C for three months and -20°C, stable for up to 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.