

Product datasheet

Anti-ST2 antibody ab228543

★★★★★ 5 Abreviews 1 References 2 Images

Overview

Product name	Anti-ST2 antibody
Description	Rabbit polyclonal to ST2
Host species	Rabbit
Tested applications	Suitable for: WB
Species reactivity	Reacts with: Mouse, Rat Predicted to work with: Human
Immunogen	Recombinant fragment within Human ST2 (internal sequence). The exact sequence is proprietary. Database link: Q01638
Positive control	WB: RAW 264.7 whole cell lysate; rat colon tissue extract.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab228543** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/500 - 1/3000. Predicted molecular weight: 63 kDa.

Target

Function

Receptor for interleukin-33 (IL-33), its stimulation recruits MYD88, IRAK1, IRAK4, and TRAF6, followed by phosphorylation of MAPK3/ERK1 and/or MAPK1/ERK2, MAPK14, and MAPK8. Possibly involved in helper T-cell function.

Tissue specificity

Highly expressed in kidney, lung, placenta, stomach, skeletal muscle, colon and small intestine. Isoform A is prevalently expressed in the lung, testis, placenta, stomach and colon. Isoform B is more abundant in the brain, kidney and the liver. Isoform C is not detected in brain, heart, liver, kidney and skeletal muscle.

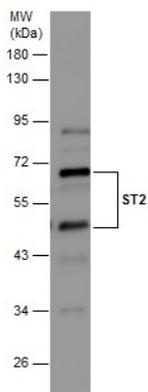
Sequence similarities

Belongs to the interleukin-1 receptor family.
Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
Contains 1 TIR domain.

Cellular localization

Secreted and Cell membrane.

Images



Western blot - Anti-ST2 antibody (ab228543)

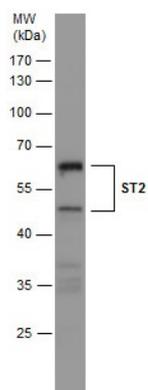
Anti-ST2 antibody (ab228543) at 1/500 dilution + RAW 264.7 (house macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate at 30 µg

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 63 kDa

10% SDS-PAGE



Western blot - Anti-ST2 antibody (ab228543)

Anti-ST2 antibody (ab228543) at 1/500 dilution + Rat colon tissue extract at 50 µg

Developed using the ECL technique.

Performed under reducing conditions.

Predicted band size: 63 kDa

10% SDS-PAGE

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