

Datasheet for ABIN7209930
anti-STS antibody (AA 10-90)



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2 Images

Overview

Quantity:	100 µL
Target:	STS
Binding Specificity:	AA 10-90
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	ASC Polyclonal Antibody
Immunogen:	Synthesized peptide derived from the N-terminal region of human ASC at AA range: 10-90
Isotype:	IgG
Specificity:	ASC Polyclonal Antibody detects endogenous levels of ASC protein.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen

Target Details

Target:	STS
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Target Details

Alternative Name: [ASC \(STS Products\)](#)

Background: Rabbit Anti-ASC Polyclonal Antibody, PYCARD, ASC, CARD5, TMS1, Apoptosis-associated speck-like protein containing a CARD, hASC, Caspase recruitment domain-containing protein 5, PYD and CARD domain-containing protein, Target of methylation-induced silencing 1, PYCARD encodes an adaptor protein that is composed of two protein-protein interaction domains: a N-terminal PYRIN-PAAD-DAPIN domain (PYD) and a C-terminal caspase-recruitment domain (CARD). The PYD and CARD domains are members of the six-helix bundle death domain-fold superfamily that mediates assembly of large signaling complexes in the inflammatory and apoptotic signaling pathways via the activation of caspase. In normal cells, this protein (PYD and CARD domain containing) is localized to the cytoplasm, however, in cells undergoing apoptosis, it forms ball-like aggregates near the nuclear periphery. Two transcript variants encoding different isoforms have been found for PYCARD. Apoptosis-associated speck-like protein containing a CARD

Gene ID: 29108

UniProt: [Q9ULZ3](#)

Pathways: [Steroid Hormone Biosynthesis](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Endopeptidase Activity](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), IF (1:200-1:1000), IHC-P (1:100-1:300), ELISA (1:40000). Not yet tested in other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.

Preservative: Sodium azide

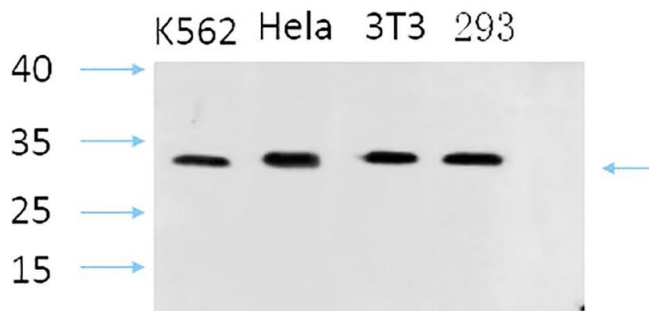
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C

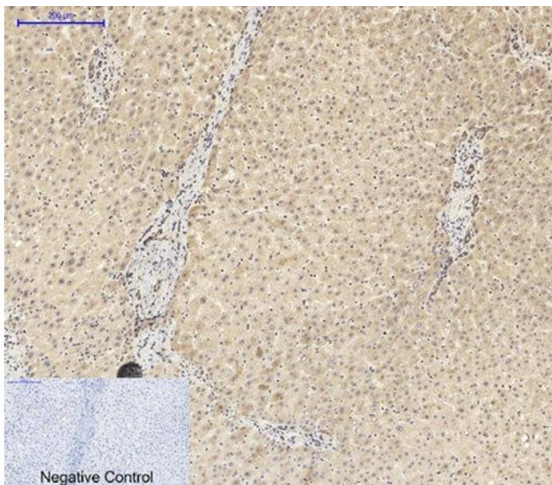
Storage Comment: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western Blot analysis of K562(1), HeLa(2), 3T3(3), 293(4), diluted at 1:1000.



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded human liver tissue. 1, ASC Polyclonal Antibody was diluted at 1:200 (4 °C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98 °C, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.