

Datasheet for ABIN6990407
anti-STS antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	STS
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Anti-ASC antibody was raised against a peptide corresponding to 14 amino acids near the carboxy terminus of human ASC. The immunogen is located within the last 50 amino acids of ASC.
Isotype:	IgG
Purification:	ASC Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	STS
Alternative Name:	ASC (STS Products)
Background:	ASC Antibody: Apoptosis is regulated by death domain (DD) and/or caspase recruitment

Target Details

domain (CARD) containing molecules and a caspase family of proteases. CARD containing cell death regulators include RAIDD, RICK, BCL10, Apaf-1, ARC, caspase-9, and caspase-2. A novel CARD domain containing protein was recently identified in human and mouse and designated ASC and TMS1. Ectopic expression of ASC/TMS1 induced apoptosis through activation of caspase-9 and inhibited the survival of human breast cancer cells (3, 4). Overexpression of ASC/TMS1 induced DNA fragmentation. ASC/TMS1 is expressed in a variety of human and mouse tissues.

Molecular Weight: Predicted: 22kD
Observed: 22 kD kDa

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: WB: 1-2 µg/mL, ICC: 5 µg/mL, IHC-P: 2.5 µg/mL.

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

Restrictions: For Research Use only

Handling

Format: Liquid
Concentration: 1 mg/mL
Buffer: ASC 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

Handling

Storage Comment: ASC 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.