

Datasheet for ABIN7303926
anti-STS antibody (N-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	STS
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STS antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human ASC.
Specificity:	Recognizes endogenous levels of ASC protein.
Characteristics:	Rabbit polyclonal antibody to ASC
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	STS
Alternative Name:	ASC (STS Products)

Target Details

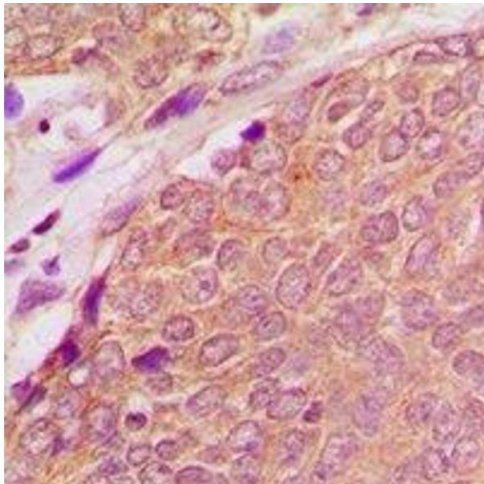
Background:	ASC, CARD5, TMS1, Apoptosis-associated speck-like protein containing a CARD, hASC, Caspase recruitment domain-containing protein 5, PYD and CARD domain-containing protein, Target of methylation-induced silencing 1
Gene ID:	29108, 66824
UniProt:	Q9ULZ3 , Q9EPB4
Pathways:	Steroid Hormone Biosynthesis , 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 (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500)
Restrictions:	For Research Use only

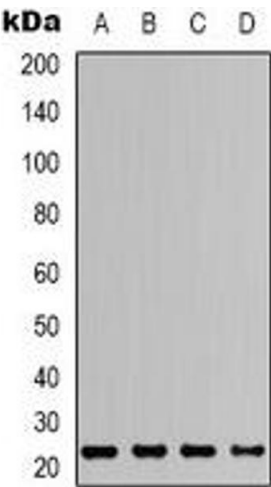
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % 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
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



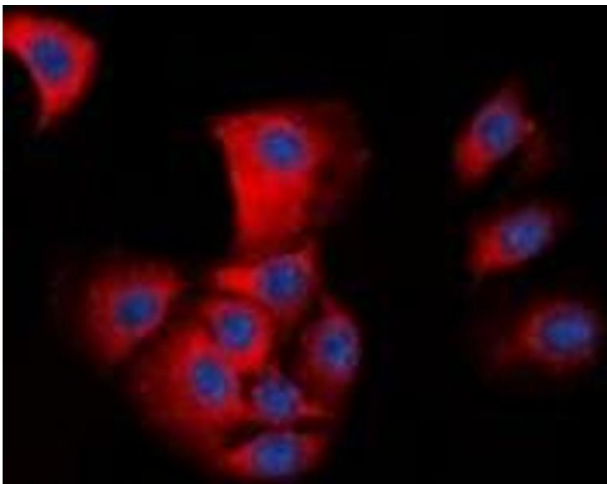
Immunohistochemistry

Image 1. Immunohistochemical analysis of ASC staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with



Western Blotting

Image 2. Western blot analysis of ASC expression in HEK293T (A), Raw264.7 (B), mouse brain (C), rat brain (D) whole cell lysates.



Immunofluorescence

Image 3. Immunofluorescent analysis of ASC staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody i