antibodies .- online.com







anti-STS antibody (N-Term)

Images

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

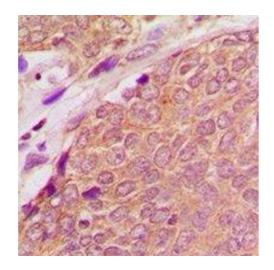
| Background: | ASC, CARD5, TMS1, Apoptosis-associated speck-like protein containing a CARD, hASC, Caspase recruitment domain-containing protein 5, PYD and CARD domain-containing protein, Target of methylation-induced silencing 1 |
|-------------|---|
| Gene ID: | 29108, 66824 |
| UniProt: | Q9ULZ3, 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 |

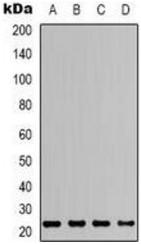
Handling

| 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 |



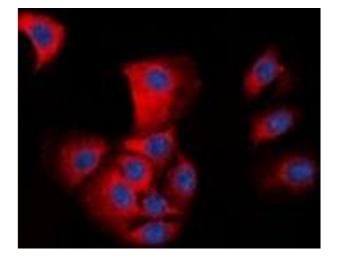
Immunohistochemistry

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