

**ASC/TMS1 polyclonal antibody**

Catalog: BS79689

Host: Rabbit

Reactivity: Human, Mouse, Rat

**BackGround:**

This gene 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 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 this gene.

**Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

**Molecular Weight:**

~ 24 kDa

**Swiss-Prot:**

Q9ULZ3

**Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

**Applications:**

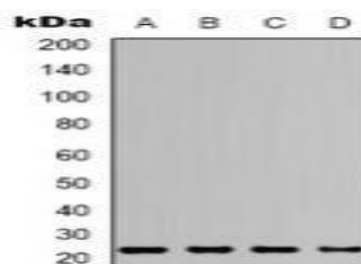
WB, 1:500 - 1:1000 | IHC, 1:100 - 1:200 | IF/ICC, 1:100 - 1:500

**Storage&Stability:**

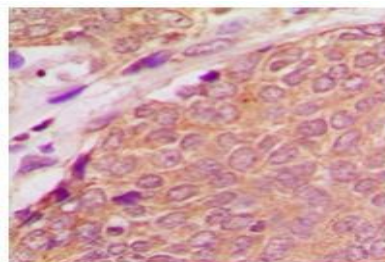
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Specificity:**

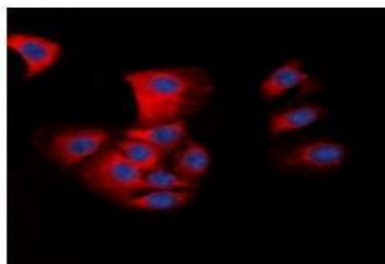
ASC/TMS1 Polyclonal Antibody detects endogenous levels of ASC/TMS1 protein.

**DATA:**

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



Immunohistochemical analysis of ASC staining in human breast cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of ASC staining in HepG2 cells.

**Note:**

For research use only, not for use in diagnostic procedure.

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