

Rabbit ASC/TMS1 Polyclonal Antibody | anti-ASC/TMS1 antibody

ASC/TMS1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA177406	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry

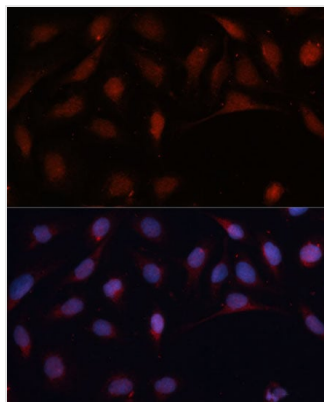
PRODUCT SYNONYMS

ASC/TMS1; Polyclonal Antibody; ASC/TMS1 Polyclonal Antibody; PYCARD; ASC; CARD5; TMS; TMS-1; TMS1; PYD and CARD domain containing; ASC / TMS1; anti-ASC/TMS1 antibody

PRODUCT SPECIFICATIONS

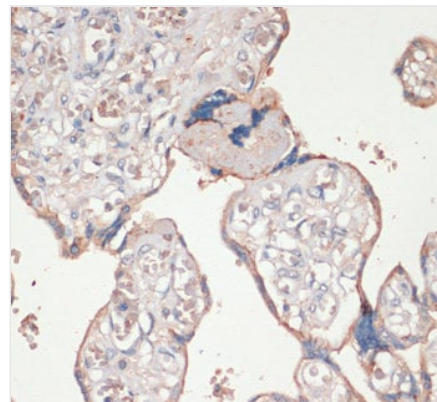
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ASC/TMS1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Recombinant protein of human ASC / TMS1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using ASC / TMS1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human placenta using ASC / TMS1 Polyclonal Antibody at dilution of 1:100 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-ASC/TMS1 antibody	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 Categories/Family for anti-ASC/TMS1 antibody	Cancer; Cell Biology; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	18203507
NCBI GeneID	29108
UniProt Accession #	Q9ULZ3; Q96D12; Q9BSZ5; Q9HBD0; Q9NXJ8
Molecular Weight	195
NCBI Official Full Name	Apoptosis-associated speck-like protein containing a CARD
NCBI Official Synonym Full Names	PYD and CARD domain containing
NCBI Official Symbol	PYCARD
NCBI Official Synonym Symbols	ASC; TMS; TMS1; CARD5; TMS-1
NCBI Protein Information	apoptosis-associated speck-like protein containing a CARD; target of methylation-induced silencing 1; caspase recruitment domain-containing protein 5
UniProt Protein Name	Apoptosis-associated speck-like protein containing a CARD
UniProt Gene Name	PYCARD
UniProt Synonym Gene Names	ASC; CARD5; TMS1; hASC
UniProt Entry Name	ASC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.