

Rabbit anti-Human ASC Polyclonal Antibody | anti-ASC antibody

ASC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301336	Rabbit	Human	Immunocytochemistry, Western Blot, ELISA

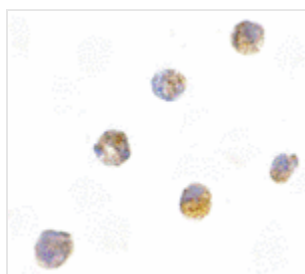
PRODUCT SYNONYMS

ASC; Polyclonal Antibody; ASC Antibody; anti-ASC antibody

PRODUCT SPECIFICATIONS

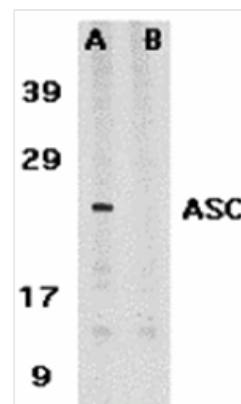
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	195
Applicable Applications for anti-ASC antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids 182 to 195 of human ASC.
Target Name	ASC
Preparation and Storage	Can be stored at -20 degree C, stable for 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.

IMAGES



ICC (Immunocytochemistry)

Immunocytochemistry of ASC in HL60 cells with ASC antibody at 5 ug/mL.



WB (Western Blot)

Western blot analysis of ASC in HL60 whole cell lysate in the absence (A) or presence (B) of blocking peptide (2287P) with ASC antibody at 1 ug /mL.

ADDITIONAL INFORMATION

Related Product Information for anti-ASC antibody	Apoptosis is regulated by death domain (DD) and/or caspase recruitment 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.
Product Categories/Family for anti-ASC antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	10801602
NCBI GeneID	29108
Molecular Weight	15,030 Da
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asc-antibody-immunocytochemistry-western-blot-elisa/301336>