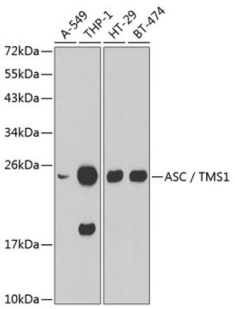
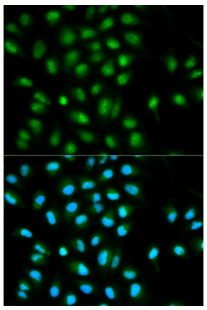
PYD And CARD Domain Containing (PYCARD) Antibody

Catalogue No.:abx001084



Western blot analysis of extracts of various cell lines using ASC / TMS1 Antibody.



Immunofluorescence analysis of HeLa cells using ASC / TMS1 Antibody

PYCARD Antibody is a Rabbit Polyclonal antibody against PYCARD. 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.

Target:	PYD And CARD Domain Containing (PYCARD)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	WB, IF/ICC
Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human ASC / TMS1
Isotype:	IgG

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Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q9ULZ3 (UniProt, ExPASy)
Gene Symbol:	PYCARD
GeneID:	29108
NCBI Accession:	NP_037390.2
String:	9606.ENSP00000247470
Molecular Weight:	Calculated MW: 15 kDa/19 kDa/21 kDa Observed MW: 22 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

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