

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

PYCARD Antibody (C-term)

CATALOG # AAA286773	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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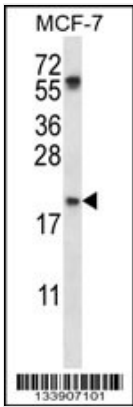
PRODUCT SYNONYMS

PYCARD; Polyclonal Antibody; PYCARD Antibody (C-term); 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; ASC; CARD5; TMS1; anti-PYCARD antibody

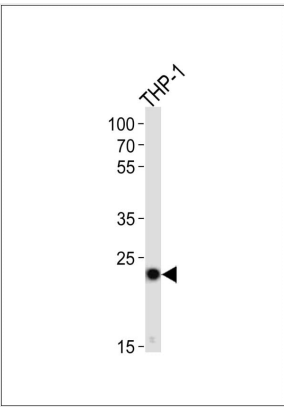
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PYCARD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 129-158 amino acids from the C-terminal region of human PYCARD.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	129-158
Sequence Length	135
Applicable Applications for anti-PYCARD antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
PYCARD Antibody (C-term) western blot analysis in MCF-7 cell line lysates (35ug/lane). This demonstrates the PYCARD antibody detected the PYCARD protein (arrow).



WB (Western Blot)
Western blot analysis of lysate from THP-1 cell line, using PYCARD Antibody (C-term). AAA286773 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

ADDITIONAL INFORMATION

Related Product Information for anti-PYCARD 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-PYCARD antibody	Crown Antibodies; Cancer; Cell Biology
References	Grau, E., et al. J. Cancer Res. Clin. Oncol. 136(9):1415-1421(2010) Motani, K., et al. Cancer Sci. 101(8):1822-1827(2010) Mishra, B.B., et al. Cell. Microbiol. 12(8):1046-1063(2010) Cheng, J., et al. J. Cell. Physiol. 222(3):738-747(2010) McElvania Tekippe, E., et al. PLoS ONE 5 (8), E12320 (2010) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835256
NCBI GeneID	29108
NCBI Accession #	NP_037390.2; NP_660183.1
NCBI GenBank Nucleotide #	NM_013258.4
UniProt Accession #	Q9ULZ3; Q96D12; Q9BSZ5; Q9HBD0; Q9NXJ8
Molecular Weight	21627
NCBI Official Full Name	apoptosis-associated speck-like protein containing a CARD isoform a
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://www.aaabiotech.com/polyclonal/pycard-antibody-western-blot-elisa/286773>