

Datasheet for ABIN657783
anti-PYCARD antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	PYCARD
Binding Specificity:	AA 129-158, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	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.
Clone:	RB33907
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PYCARD
Alternative Name:	PYCARD (PYCARD Products)
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

Target Details

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.

Molecular Weight: 21627

Gene ID: 29108

NCBI Accession: [NP_037390](#), [NP_660183](#)

UniProt: [Q9ULZ3](#)

Pathways: [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Actin Filament Polymerization](#), [Positive Regulation of Endopeptidase Activity](#), [Activated T Cell Proliferation](#), [Inflammasome](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

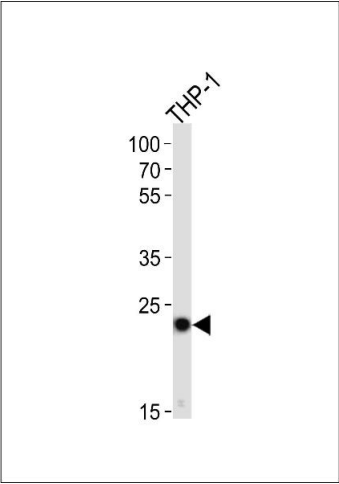
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

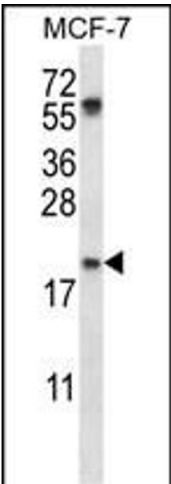
Storage Comment: PYCARD Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of lysate from THP-1 cell line, using PYCARD Antibody (C-term) (ABIN657783 and ABIN2846757). (ABIN657783 and ABIN2846757) 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 20 µg.



Western Blotting

Image 2. PYCARD Antibody (C-term) (ABIN657783 and ABIN2846757) western blot analysis in MCF-7 cell line lysates (35 µg/lane). This demonstrates the PYCARD antibody detected the PYCARD protein (arrow).