

Datasheet for ABIN5539792

anti-PYCARD antibody (C-Term) (Biotin)



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1 Image

Overview

Quantity:	100 µg
Target:	PYCARD
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PYCARD antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ASC / TMS1, Biotinylated
Sequence:	CRESQSYLVE DLERS.
Isotype:	IgG
Specificity:	This antibody is expected to recognise both reported isoforms (NP_037390.2 and NP_660183.1).
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

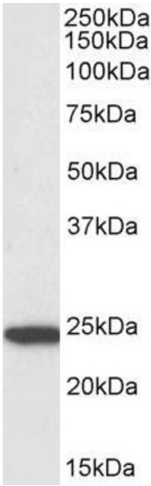
Target:	PYCARD
Alternative Name:	PYCARD (PYCARD Products)
Background:	PYCARD, PYD and CARD domain containing, ASC, CARD5, TMS, TMS-1, TMS1, caspase recruitment domain-containing protein 5, target of methylation-induced silencing 1
Gene ID:	29108
NCBI Accession:	NP_037390 , NP_660183
Pathways:	Activation 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:	Western Blot: Approx 24 kDa band observed in lysates of cell line U937 (calculated MW of 21.6 kDa according to NP_037390.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:32000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. Biotinylated ABIN5539792 (3µg/ml) staining of U937 lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.