

Datasheet for ABIN334423

anti-PTPRN antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	PTPRN
Binding Specificity:	Internal Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PTPRN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	IA2
Immunogen:	Peptide with sequence C-QGEGNIKKNRHPD, from the internal region of the protein sequence according to NP_002837.1.
Sequence:	QGEGNIKKNR HPD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	PTPRN
Alternative Name:	PTPRN (PTPRN Products)
Background:	IA-2 , protein tyrosine phosphatase, receptor type, N , FLJ16131 , IA-2/PTP, IA2 , ICA512 , R-PTP-N, islet antigen 2 , islet cell antigen 512 , islet cell autoantigen 3 , protein tyrosine phosphatase-like N
Gene ID:	5798, 19275, 116660
NCBI Accession:	NP_002837

Application Details

Application Notes:	Western Blot: Approx 110 kDa band observed in lysates of cell line NIH 3T3 (calculated MW of 106 kDa according to Human NP_002837.1 and Mouse NP_033011.2). Recommended concentration: 0.5-1.5 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
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.



Image 1. ABIN334423 (0.5µg/ml) staining of NIH 3T3 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.