

Datasheet for ABIN392855
anti-PTP4A3 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	PTP4A3
Binding Specificity:	AA 135-164, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTP4A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PRL3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 135-164 amino acids from the C-terminal region of human PRL3.
Clone:	RB9793
Isotype:	Ig Fraction
Predicted Reactivity:	B, M
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PTP4A3
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Target Details

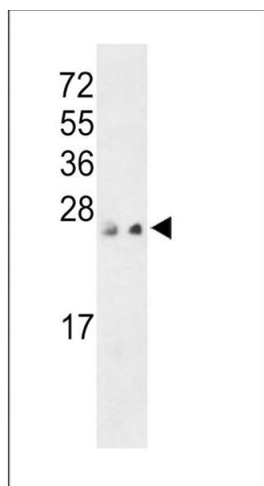
Alternative Name:	PRL3 (PTP4A3 Products)
Background:	The protein encoded by this gene belongs to a small class of prenylated protein tyrosine phosphatases (PTPs). PTPs are cell signaling molecules that play regulatory roles in a variety of cellular processes. This class of PTPs contain a PTP domain and a characteristic C-terminal prenylation motif. Studies of this class of PTPs in mice demonstrated that they were prenylated proteins in vivo, which suggested their association with cell plasma membrane. Overexpression of this gene in mammalian cells was reported to inhibit angiotensin-II induced cell calcium mobilization and promote cell growth. Two alternatively spliced variants exist.
Molecular Weight:	19535
Gene ID:	11156
NCBI Accession:	NP_009010 , NP_116000
UniProt:	O75365

Application Details

Application Notes:	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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Western blot analysis of PTP4A3 C-term (ABIN392855 and ABIN2842273) in MCF-7 and 293 cell line lysates (35 µg/lane). PTP4A3 (arrow) was detected using the purified Pab.