

Datasheet for ABIN2773919
anti-PTP4A3 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	PTP4A3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTP4A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PTP4A3
Sequence:	MKYEDAIQFI RQKRRGAINS KQLTYLEKYR PKQRLRFKDP HTHKTRCCVM
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 86%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against PTP4A3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	PTP4A3
---------	--------

Target Details

Alternative Name:	PTP4A3 (PTP4A3 Products)
Background:	<p>PTP4A3 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 contains 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.</p> <p>Alias Symbols: PRL-3, PRL-R, PRL3</p> <p>Protein Interaction Partner: ELAVL1, FNTB, FNTA, IPO4, MMS19, NCAPG, SMAP1, SRPRB, XPO5, TTC27, FANCI, ATAD3A, TMEM33, HEATR1, DNAAF5, TNPO2, CNNM3, KIAA1279, RAB3GAP2, NUP188, KIAA0368, XPO7, GCN1L1, SMC2, LRPPRC, UBE4A, AIFM1, USO1, ABCD3, PSMD3, PRPSAP1, POLD1, HNRNPM, MSH2, MCM3,</p> <p>Protein Size: 173</p>
Molecular Weight:	19 kDa
Gene ID:	11156
NCBI Accession:	NM_032611 , NP_116000
UniProt:	O75365

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 173 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images


90 kDa__

65 kDa__

40 kDa__

31 kDa__

22 kDa__



Rabbit Anti-PTP4A3 Antibody

Catalog Number: ARP48420

Lot Number: QC18873

Lane: ACHN Cell Lysate

Antibody Titration: 1.0µg/ml

Gel Concentration: 12%

Western Blotting

Image 1. WB Suggested Anti-PTP4A3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: ACHN cell lysate


90 kDa__

65 kDa__

40 kDa__

31 kDa__

22 kDa__



Western Blotting

Image 2. WB Suggested Anti-PTP4A3 Antibody Titration:

0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: ACHN cell lysate