

Datasheet for ABIN7137940
anti-PTP4A3 antibody (AA 161-166)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PTP4A3
Binding Specificity:	AA 161-166
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTP4A3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Peptide sequence around aa. 161-166 (K-D-P-H-T) derived from Human PTP4A3.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

Target Details

Target:	PTP4A3
Alternative Name:	PTP4A3 (PTP4A3 Products)
Background:	Background: Protein tyrosine phosphatase which stimulates progression from G1 into S phase

Target Details

during mitosis. Enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. May be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II.

Matter W.F. et.al. Biochem. Biophys. Res. Commun. 283:1061-1068(2001)

Wang J.et.al. J. Biol. Chem. 277:46659-46668(2002)

Aliases: Potentially prenylated protein tyrosine phosphatase antibody, PRL 3 antibody, PRL R antibody, PRL-3 antibody, PRL-R antibody, PRL3 antibody, PRLR antibody, Protein tyrosine phosphatase 4a3 antibody, Protein tyrosine phosphatase type IVA 3 antibody, Protein-tyrosine phosphatase 4a3 antibody, Protein-tyrosine phosphatase of regenerating liver 3 antibody, PTP 4A3 antibody, PTP4A3 antibody, TP4A3_HUMAN antibody

UniProt: [O75365](#)

Application Details

Application Notes: WB:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied at 1.0 mg/mL in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

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: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Western Blotting

Image 1. Western blot analysis of extract from LX-2 cells transfected with PRL-3 using PRL-3 antibody.

