

Datasheet for ABIN631230 **anti-PTP4A3 antibody (Middle Region)**



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1 Image

Overview

Quantity:	100 µL
Target:	PTP4A3
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTP4A3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PTP4 A3 antibody was raised using the middle region of PTP4 3 corresponding to a region with amino acids LGRAPVLVALALIESGMKYEDAIQFIRQKRRGAINSKQLTYLEKYRPKQR
Specificity:	PTP4 A3 antibody was raised against the middle region of PTP4 3
Purification:	Affinity purified

Target Details

Target:	PTP4A3
Alternative Name:	PTP4A3 (PTP4A3 Products)
Background:	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

Target Details

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.

Molecular Weight: 19 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: PTP4A3 Blocking Peptide, catalog no. 33R-4993, is also available for use as a blocking control in assays to test for specificity of this PTP4A3 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PTP0 3 antibody in PBS

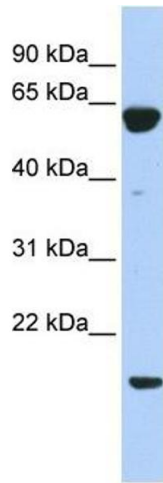
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. PTP4A3 antibody used at 1 ug/ml to detect target protein.