

Datasheet for ABIN7435550  
**anti-PTP4A3 antibody (AA 1-170)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	PTP4A3
Binding Specificity:	AA 1-170
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTP4A3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Polyclonal Antibody to Protein Tyrosine Phosphatase Type IVA 3 (PTP4A3)
Immunogen:	Recombinant Protein Tyrosine Phosphatase Type IVA 3 (PTP4A3) corresponding to Met1~Cys170
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PTP4A3. It has been selected for its ability to recognize PTP4A3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

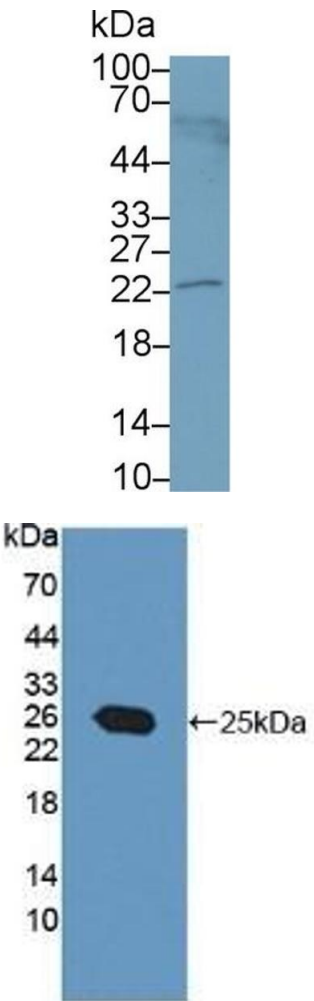
Target:	PTP4A3
Alternative Name:	Protein Tyrosine Phosphatase Type IVA 3 ( <a href="#">PTP4A3 Products</a> )
Background:	PRL3, PRL-3, PRL-R, Protein-tyrosine phosphatase of regenerating liver 3, Protein-tyrosine phosphatase 4a3

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



#### Western Blotting

**Image 1.** Detection of PTP4A3 in 293T cell lysate using Polyclonal Antibody to Protein Tyrosine Phosphatase Type IVA 3 (PTP4A3)

#### Western Blotting

**Image 2.** Detection of Recombinant PTP4A3, Human using Polyclonal Antibody to Protein Tyrosine Phosphatase Type IVA 3 (PTP4A3)

#### Immunohistochemistry

**Image 3.** Detection of PTP4A3 in Human Cardiac Muscle Tissue using Polyclonal Antibody to Protein Tyrosine Phosphatase Type IVA 3 (PTP4A3)

