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Datasheet for ABIN6264514 anti-PTP4A2 antibody (Internal Region)

2 Images



Overview

Quantity:	100 µL	
Target:	PTP4A2	
Binding Specificity:	Internal Region	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This PTP4A2 antibody is un-conjugated	
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)	

Product Details

Immunogen:	A synthesized peptide derived from human PTP4A2, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	PTP4A2 Antibody detects endogenous levels of total PTP4A2.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

Т	ar	a	et:

PTP4A2

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Target Details

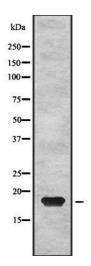
Alternative Name:	PTP4A2 (PTP4A2 Products)
Background:	Description: Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. Promotes tumors. Inhibits geranylgeranyl transferase type II activity by blocking the association between RABGGTA and RABGGTB. Gene: PTP4A2
Molecular Weight:	19 kDa
Gene ID:	8073
UniProt:	Q12974

Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

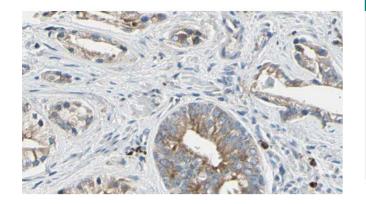
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , 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
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of PTP4A2 using HepG2 whole cell lysates



Immunohistochemistry

Image 2. ABIN6278142 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

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