

Datasheet for ABIN7301176

anti-PTPN1 antibody (N-Term, pSer50)



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2 Images

Overview

Quantity:	100 µL
Target:	PTPN1
Binding Specificity:	N-Term, pSer50
Reactivity:	Human, Mouse, Rat, Monkey, Zebrafish (Danio rerio), Dog, Chicken, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PTP1B (pS50).
Specificity:	Recognizes endogenous levels of PTP1B (pS50) protein.
Characteristics:	Rabbit polyclonal antibody to PTP1B (pS50)
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PTPN1
Alternative Name:	PTP1B (PTPN1 Products)
Background:	PTP1B, Tyrosine-protein phosphatase non-receptor type 1, Protein-tyrosine phosphatase 1B,

Target Details

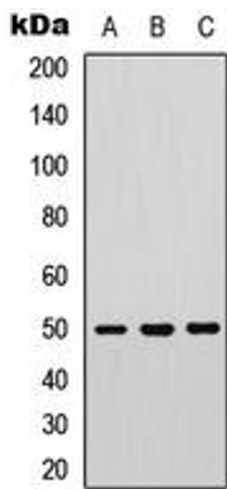
	PTP-1B
Gene ID:	5770, 19246, 24697
UniProt:	P18031 , P35821 , P20417
Pathways:	TLR Signaling , Response to Growth Hormone Stimulus , ER-Nucleus Signaling , Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB (1:500 - 1:1000), IH (1:100 - 1:200)
Restrictions:	For Research Use only

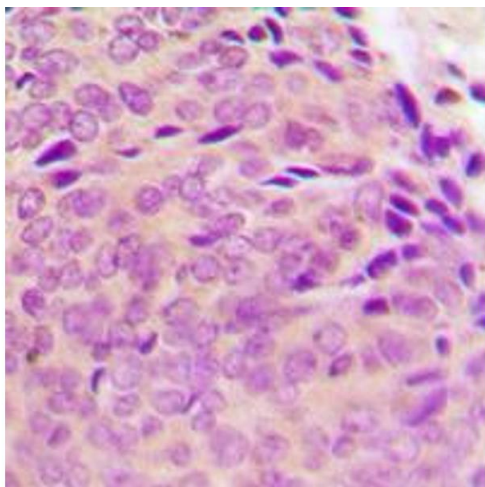
Handling

Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
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:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of PTP1B (pS50) expression in COLO205 (A), human muscle (B), mouse heart (C) whole cell lysates.



Immunohistochemistry

Image 2. Immunohistochemical analysis of PTP1B (pS50) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.