

Datasheet for ABIN7269706
anti-PTPRA antibody (pTyr789)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	PTPRA
Binding Specificity:	pTyr789
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Phospho-PTPRA-Y789 Rabbit pAb
Immunogen:	A phospho specific peptide corresponding to residues surrounding Y789 of human PTPRA
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Phosphorylated Antibodies
Purification:	Affinity purification

Target Details

Target:	PTPRA
Alternative Name:	PTPRA (PTPRA Products)

Target Details

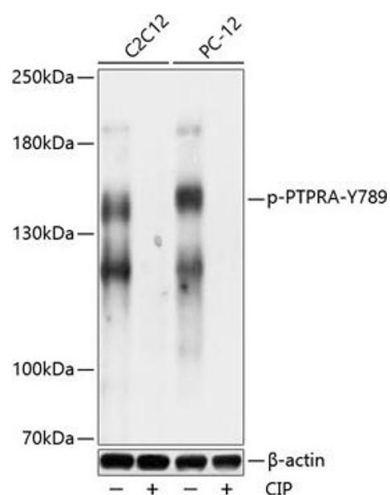
Background:	<p>The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. This PTP has been shown to dephosphorylate and activate Src family tyrosine kinases, and is implicated in the regulation of integrin signaling, cell adhesion and proliferation. Three alternatively spliced variants of this gene, which encode two distinct isoforms, have been reported.,PTPRA,HEPTP,HLPR,HPTPA,HPTPalpha,LRP,PTPA,PTPRL2,R-PTP-alpha,RPTPA,Signal Transduction,Protein phosphorylation,PTPRA</p>
Molecular Weight:	89kDa/90kDa
Gene ID:	5786
UniProt:	P18433

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of C2C12 and PC-12 cells, using Phospho-PTPRA-Y789 antibody (ABIN7269706) at 1:1000 dilution. C2C12 cell lysate were treated by CIP (20 μ L CIP for each 400 μ L cell lysate) at 37 °C for 1 hour .PC-12 cell lysate were treated by CIP (20 μ L CIP for each 400 μ L cell lysate) at 37 °C for 1 hour .Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μ g per lane.Blocking buffer: 3 % BSA.Detection: ECL Basic Kit (RM00020).Exposure time: 30s.