



[Go to Product page](#)

Datasheet for ABIN755947  
**anti-PTPRA antibody (pSer180)**

### Overview

Quantity:	100 µL
Target:	PTPRA
Binding Specificity:	pSer180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PTPRA around the phosphorylation site of Ser180
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	PTPRA
Alternative Name:	PTPRA ( <a href="#">PTPRA Products</a> )

## Target Details

---

Background:	<p>Synonyms: PTPRA Ser180, PTPRA S180, p-PTPRA Ser180, p-PTPRA S180, HEPTP, HLPR, HPTP alpha, HPTPA, HPTPalpha, Leukocyte common antigen related peptide, LRP, Protein tyrosine phosphatase alpha, Protein tyrosine phosphatase receptor type A, Protein tyrosine phosphatase receptor type alpha polypeptide, Protein tyrosine phosphate, Protein-tyrosine phosphatase alpha, PTPA, PTPalpha, PTPase alpha, PTPLCA related phosphatase, PTPRA, PTPRA_HUMAN, PTPRL 2, PTPRL2, PTRAL, R PTP alpha, R-PTP-alpha, Receptor type tyrosine protein phosphatase alpha, Receptor-type tyrosine-protein phosphatase alpha, RPTPA, Tyrosine phosphatase alpha.</p> <p>Background: Vital cellular functions such as cell proliferation and signal transduction are regulated in part by the balance between the activities of protein tyrosine kinases (PTK) and protein tyrosine phosphatases (PTPs). The protein contains a 121 residue extracellular domain, a single transmembrane segment, and 2 tandem intracytoplasmic catalytic domains. The PTP alpha protein is ubiquitously expressed and may play a fundamental role in the physiology of all cells.</p>
-------------	--

---

Gene ID:	5786
----------	------

## Application Details

---

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
--------------------	---

---

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

---

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

## Handling

---

Storage: 4 °C,-20 °C

---

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

---

Expiry Date: 12 months