

Datasheet for ABIN756009

## **anti-PTPRA antibody (pTyr798) (Biotin)**



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### Overview

Quantity:	100 µL
Target:	PTPRA
Binding Specificity:	pTyr798
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPRA antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, 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 Tyr798
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: PTP alpha phospho Y798, 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, PTR, 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>
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Gene ID:	5786
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## Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % 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.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months