

PTPα (phospho Tyr798) Polyclonal Antibody

Catalog No: #13594

Package Size: #13594-1 50ul #13594-2 100ul

Description

Product Name	PTPα (phospho Tyr798) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat,Monkey
Specificity	Phospho-PTPα (Y798) Polyclonal Antibody detects endogenous levels of PTPα protein only when phosphorylated at Y798.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PTPRA around the phosphorylation site of Tyr798. AA range:753-802
Conjugates	Unconjugated
Other Names	PTPRA; PTPA; PTPRL2; Receptor-type tyrosine-protein phosphatase alpha; Protein-tyrosine phosphatase alpha; R-PTP-alpha
Accession No.	Swiss Prot:P18433GeneID:5786
SDS-PAGE MW	100 90
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/5000. Not yet tested in other applications.

Background

protein tyrosine phosphatase, receptor type A(PTPRA) Homo sapiens 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. [provided by RefSeq, Jul 2008].

Note: This product is for in vitro research use only and is not intended for use in humans or animals.