

Anti-Phospho-PTP $\alpha$  (Tyr798) Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat,Monkey
Conjugation:	Unconjugated
Molecular Weight:	Actual: 100 90 kDa.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Applications

Application:	ELISA,WB
Recommended	WB: 1:500-2000; ELISA: 1:5000

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthesized phosphopeptide: human PTPRA around the phosphorylation site of Tyr798. AA range:753-802
Antigen Species:	Human
Uniprot ID:	P18433
Synonyms:	PTP $\alpha$ (p-Y798);p-PTP $\alpha$ (Tyr798);PTP $\alpha$ (p-Tyr798);p-PTP $\alpha$ (Y798)

## Research 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],

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