

	<h1>Phospho-PTP1B (Ser352) Rabbit pAb</h1>	E 2 3 8 2 9 2 1
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<b>Antibody type:</b>	Primary antibody
<b>Isotype:</b>	Rabbit IgG
<b>Source:</b>	Rabbit
<b>Applications:</b>	WB,ICC/IF,IP
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human
<b>Clone Number:</b>	Polyclonal antibody
<b>Gene Name:</b>	PTPN1
<b>Other Names:</b>	PTP1B
<b>Background:</b>	Swiss-Prot Acc.P18031.
<b>Immunogen:</b>	A synthetic phosphopeptide corresponding to residues surrounding Ser352 of human PTP1B
<b>UniPort summary Function:</b>	Tyrosine-protein phosphatase which acts as a regulator of endoplasmic reticulum unfolded protein response. Mediates dephosphorylation of EIF2AK3/PERK; inactivating the protein kinase activity of EIF2AK3/PERK. May play an important role in CKII- and p60c-src-induced signal transduction cascades. May regulate the EFNA5-EPHA3 signaling pathway which modulates cell reorganization and cell-cell repulsion. May also regulate the hepatocyte growth factor receptor signaling

**For Research Use Only**

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	pathway through dephosphorylation of MET.
<b>Gene ID:</b>	5770
<b>Swiss-Prot No.:</b>	P18031
<b>Storage/Stability:</b>	Store at -20°C. Stable for 12 months from date of receipt.
<b>Form of Antibody:</b>	Supplied in 50nM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
<b>Recommended Dilutions:</b>	WB: 1:1000; ICC/IF: 1:50; IP: 1:20
<b>Molecular Weight:</b>	Calculated MW: 50 kDa; Observed MW: 50 kDa