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## Product Information

<b>Product SKU:</b>	CAB14253	<b>Gene ID:</b>	5793	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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## Additional Information

<b>Observed MW:</b>	140-162kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	162kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

<b>Background:</b>	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 possesses an extracellular region, a single transmembrane region, and two tandem intracytoplasmic catalytic domains, and thus represents a receptor-type PTP. The extracellular region of this PTP contains a carbonic anhydrase-like (CAH) domain, which is also found in the extracellular region of PTPRBETA/ZETA. This gene is located in a chromosomal region that is frequently deleted in renal cell carcinoma and lung carcinoma, thus is thought to be a candidate tumor suppressor gene.
<b>Recommended Dilution:</b>	WB,1:500 - 1:2000
<b>Synonyms:</b>	PTPG; HPTPG; RPTPG; R-PTP-GAMMA; PTPRG
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 250-450 of human PTPRG (NP_002832.3).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.