

CABP0814

Product Information

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| Product SKU: | CABP0814 | Gene ID: | 5786 | Size: | 20uL, 100uL |
| Clone No: | - | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

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| Observed MW: | 145kDa | Conjugate: | Unconjugated |
| Calculated MW: | 91kDa | Isotype: | IgG |

Immunogen Information

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| Background: | 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. |
| Recommended Dilution: | WB,1:500 - 1:2000 |
| Synonyms: | LRP; HLPR; PTPA; HEPTP; HPTPA; RPTPA; PTPRL2; HPTPalpha; R-PTP-alpha; Phospho-PTPRA-Y789 |
| Purification Method: | Affinity purification |
| Immunogen: | A synthetic phosphorylated peptide around Y789 of human PTPRA (NP_543030.1). |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. |