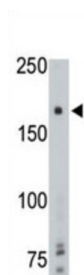


PTP gamma Antibody

Catalogue No.: abx033942



PTPgamma 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. The 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.

| | |
|-------------------------------|---|
| Target: | PTP gamma |
| Clonality: | Polyclonal |
| Reactivity: | Human, Mouse |
| Tested Applications: | ELISA, WB |
| Host: | Rabbit |
| Recommended dilutions: | WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user. |
| Conjugation: | Unconjugated |
| Immunogen: | KLH-conjugated synthetic peptide between 751-782 amino acids from the Central region of human PTP gamma. |
| Isotype: | IgG |
| Form: | Liquid |
| Purification: | Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS. |
| Storage: | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles. |
| UniProt Primary AC: | P23470 (UniProt , ExPASy) |

Datasheet

Version: 3.0.0

Revision date: 14 Aug 2025



KEGG: hsa:5793

String: [9606.ENSP00000418112](#)

Molecular Weight: Calculated MW: 162 kDa

Buffer: PBS containing 0.09% sodium azide.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only