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## **PTK7 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 253758

**Unit:** 0.1 mg

### **Description:**

Protein-tyrosine kinases (PTKs) play important roles in regulating cell proliferation and differentiation during development. One member of the PTK family, PTK7, has been suggested to regulate the planar cell polarity (PCP) pathway in vertebrates and may play a role in neural convergent extension and neural tube closure. PTK7 has also been implicated in the development of cancer. Loss of PTK7 expression was seen in several melanoma cell lines and biopsies. Conversely, high-throughput analysis of acute myeloid leukemia samples showed an increased level of PTK7 expression compared to normal bone marrow and purified CD34+ cells. Multiple isoforms of PTK7 are known to exist.

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** PTK7 ; Protein tyrosine Kinase 7; colon carcinoma kinase-4; CCK-4

**Accession No.:** AAH71557

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within human PTK7.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.