Anti-PTK7
Rabbit Polyclonal Antibody

Catalog # P95-63R
Lot # O2361-45

Cited Applications
E, WB, IHC, IF

Ideal working dilutions for each application should be empirically determined by the investigator.

Specificity
Recognizes the PTK7 protein

Cross Reactivity
Human, Mouse and Rat

Host/Isotype/Clone#
Rabbit, IgG

Immunogen
PTK7 antibody was raised against a 18 amino acid synthetic peptide from near the carboxy terminus of human PTK7
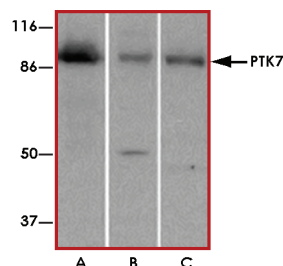
Formulation
PBS + 0.02% sodium azide.

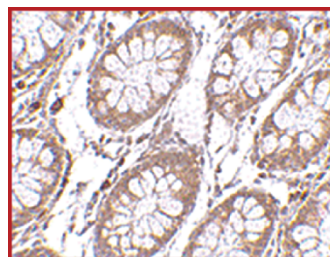## Stability
1yr at –20⁰C from date of shipment.

References

1. Park SK et al: Characterization of the human full-length PTK7 cDNA encoding a receptor protein kinase-like molecule closely related to chick KLG. J. Biochem.1996; 119:235-9.
2. Lu X et al: PTK7/CCK-4 is a novel regulator of planar cell polarity in vertebrates. Nature2004; 430:93-8.
3. Easty DJ et al: Loss of expression of receptor tyrosine kinase family genes PTK7 and SEK in metastatic melanoma. Int. J. Cancer1997; 1061-5.
4. Muller-Tidow C et al: High-throughput analysis of genome-wide receptor tyrosine kinase expression in human cancers identifies potential novel drug targets. Clin. Cancer Res.2004; 10:1241-9.

Sample Data

Western blot analysis of PTK7 in (A) human colon, (B) mouse kidney and (C) rat liver tissue lysate with PTK7 antibody at 1 ug/mL.

Immunohistochemistry of PTK7 in human colon tissue with PTK7 antibody at 2.5 ug/mL.

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Specific Lot Number	*O2361-45*
Purification	Affinity chromatography
Stability	1yr at –20°C from date of shipment
Storage & Shipping	Store product at –20°C. For optimal storage, aliquot antibody into smaller quantities after centrifugation and store at recommended temperature. For optimal performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on ice packs.