

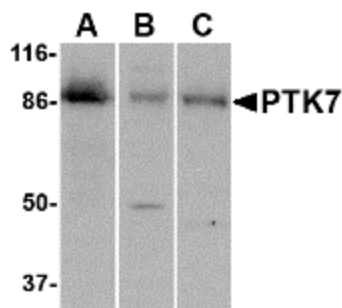
## Product datasheet for TA306460

### CCK4 (PTK7) Rabbit Polyclonal Antibody

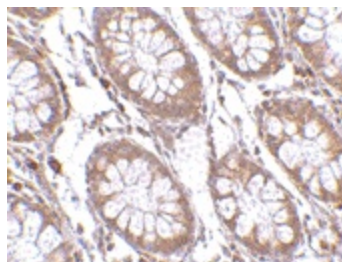
#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	PTK7 antibody was raised against a 18 amino acid peptide from near the carboxy terminus of human PTK7.
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	protein tyrosine kinase 7 (inactive)
Database Link:	<a href="#">AAH71557</a> <a href="#">Entrez Gene 5754 Human</a> <a href="#">Q13308</a>
Background:	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.
Synonyms:	CCK-4; CCK4

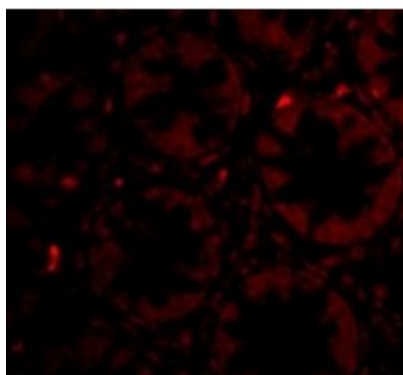

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**Product images:**


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.



Immunofluorescence of PTK7 in Human Colon cells with PTK7 antibody at 20 ug/mL.