10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCK4 / PTK7 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS12390

Specification

CCK4 / PTK7 Antibody (C-Terminus) - Product Information

Application	**IF, IHC, WB**
Primary Accession	Q13308
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**118kDa KDa**

CCK4 / PTK7 Antibody (C-Terminus) - Additional Information

Gene ID 5754

Other Names
Inactive tyrosine-protein kinase 7, Colon carcinoma kinase 4, CCK-4, Protein-tyrosine kinase 7, Pseudo tyrosine kinase receptor 7, Tyrosine-protein kinase-like 7, PTK7, CCK4

Target/Specificity
an 18 amino acid peptide from near the carboxy terminus of human PTK7

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
CCK4 / PTK7 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CCK4 / PTK7 Antibody (C-Terminus) - Protein Information

Name PTK7

Synonyms CCK4

Function
Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.

Cellular Location
Membrane; Single- pass type I membrane protein. Cell junction. Note=Colocalizes with MMP14 at cell junctions. Also localizes at the leading edge of migrating cells

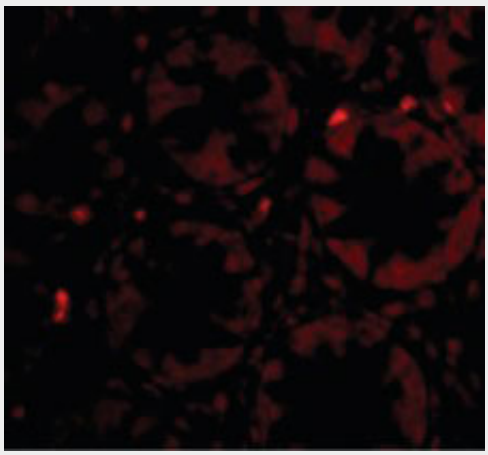
Tissue Location
Highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes. Weakly expressed in thyroid gland, ovary, brain, heart and skeletal muscle. Also expressed in erythroleukemia cells. But not expressed in colon

CCK4 / PTK7 Antibody (C-Terminus) - Protocols

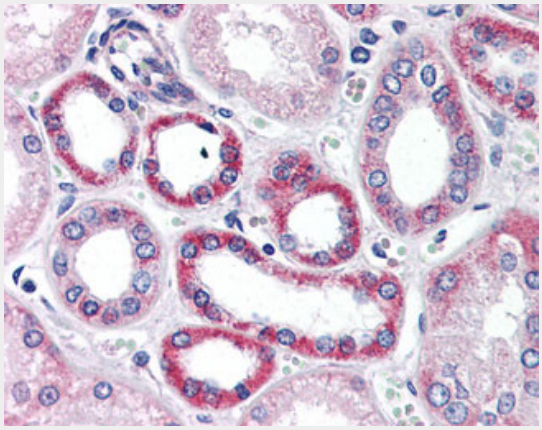
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCK4 / PTK7 Antibody (C-Terminus) - Images

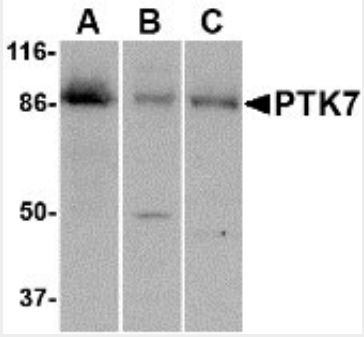


Immunofluorescence of PTK7 in Human Colon cells with PTK7 antibody at 20 ug/ml.



Anti-PTK7 antibody IHC of human kidney.

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Western blot of PTK7 in (A) human colon, (B) mouse kidney and (C) rat liver tissue lysate with...

CCK4 / PTK7 Antibody (C-Terminus) - Background

Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.

CCK4 / PTK7 Antibody (C-Terminus) - References

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