

Datasheet for ABIN360111  
**anti-PTK7 antibody (N-Term)**

## 2 Images

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## Overview

Quantity:	0.4 mL
Target:	PTK7
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human CCK4.
Isotype:	Ig Fraction
Specificity:	This antibody reacts to CCK4 (PTK7).
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS

## Target Details

Target:	PTK7
Alternative Name:	PTK7 / CCK4 ( <a href="#">PTK7 Products</a> )

## Target Details

Background:	CCK4 may function as a cell adhesion molecule. Although it belongs to the insuline receptor subfamily of the Tyr protein kinases, it likely lacks the catalytic activity of a tyrosine kinase. It may be connected to the pathophysiology of colon carcinomas and/or may represent a tumor progression marker. This Type I membrane protein is highly expressed in lung, liver, pancreas, kidney, placenta and melanocytes, but weakly expressed in thyroid gland, ovary, brain, heart and skeletal muscle, and not in colon. It is also expressed in erythroleukemia cells.Synonyms: CCK-4, Colon carcinoma kinase 4, Tyrosine-protein kinase-like 7
Gene ID:	5754, 9606
UniProt:	<a href="#">Q13308</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Tube Formation</a>

## Application Details

Application Notes:	ELISA: 1/1,000. Western Blot: 1/50 - 1/200. Immunohistochemistry: 1/50 - 1/100. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

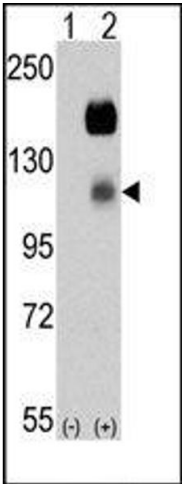


Image 1.

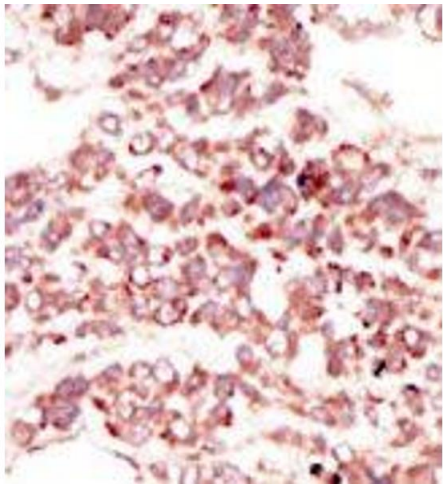


Image 2.