

Datasheet for ABIN7445414  
**anti-PTK7 antibody (AA 853-1070)**



[Go to Product page](#)

6 Images

## Overview

Quantity:	100 µL
Target:	PTK7
Binding Specificity:	AA 853-1070
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Tyrosine Protein Kinase 7 (PTK7)
Immunogen:	Recombinant Tyrosine Protein Kinase 7 (PTK7) corresponding to Leu853~Pro1070 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PTK7. It has been selected for its ability to recognize PTK7 in immunohistochemical staining and western blotting.
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

Target:	PTK7
---------	------

## Target Details

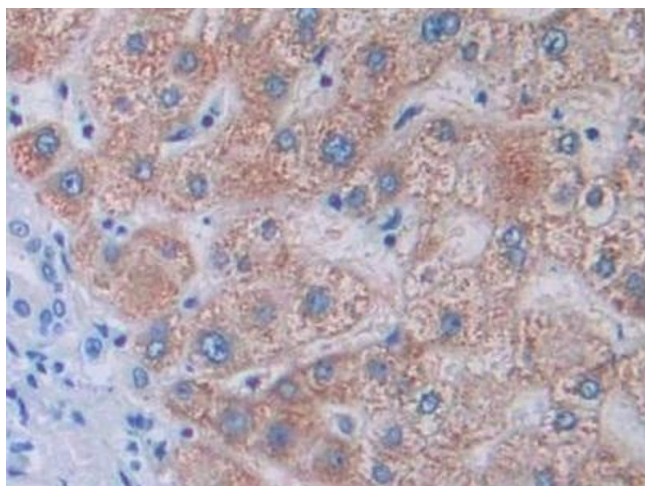
Alternative Name:	PTK7 ( <a href="#">PTK7 Products</a> )
Background:	CCK4, Protein Tyrosine Kinase 7, Colon Carcinoma Kinase 4, Inactive tyrosine-protein kinase 7, Pseudo tyrosine kinase receptor 7
UniProt:	<a href="#">Q13308</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Tube Formation</a>

## Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

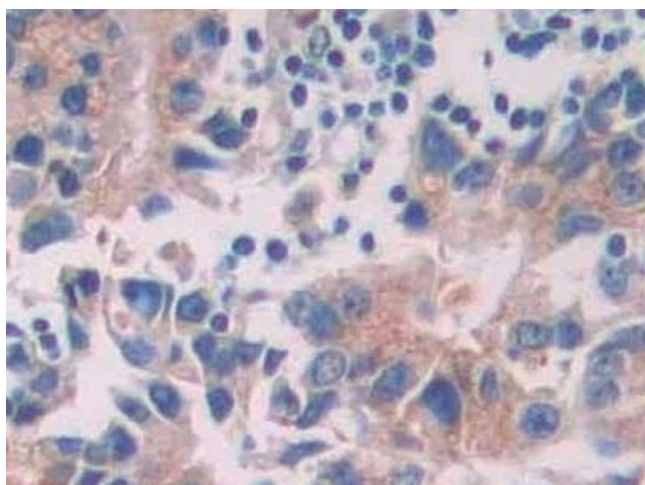
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



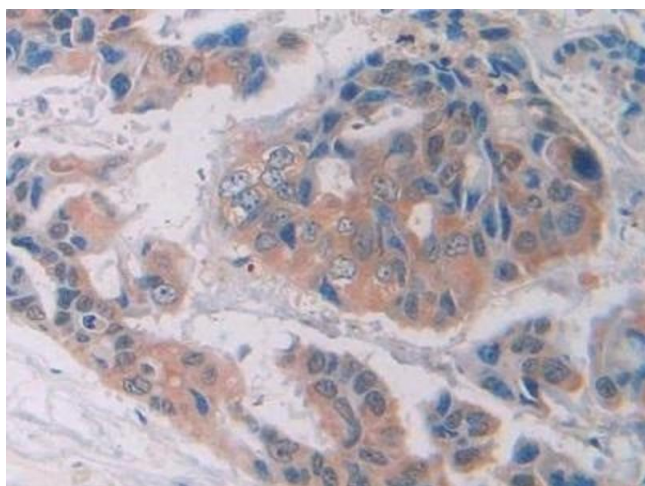
#### Immunohistochemistry

**Image 1.** Detection of PTK7 in Human Liver Tissue using Polyclonal Antibody to Tyrosine Protein Kinase 7 (PTK7)



#### Immunohistochemistry

**Image 2.** Detection of PTK7 in Human Prostate cancer Tissue using Polyclonal Antibody to Tyrosine Protein Kinase 7 (PTK7)



#### Immunohistochemistry

**Image 3.** Detection of PTK7 in Human Breast cancer Tissue using Polyclonal Antibody to Tyrosine Protein Kinase 7 (PTK7)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7445414.