

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PTK7



Numéro de catalogue: 17799-1-AP

Phare

7 Publications

## Informations de base

Numéro de catalogue:

17799-1-AP

Taille:

150ul, Concentration: 750 µg/ml by Nanodrop and 360 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG12004

Numéro d'acquisition GenBank:

BC071557

Identification du gène (NCBI):

5754

Nom complet:

PTK7 protein tyrosine kinase 7

MW calculé

1070 aa, 118 kDa

MW observés:

140-150 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:50-1:500

## Applications

Applications testées:

IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.**

Contrôles positifs:

WB : cellules PC-12, cellules A431, cellules Jurkat

IP : cellules Jurkat,

IHC : tissu de cancer du côlon humain,

## Informations générales

Protein tyrosine kinase 7 (PTK7), also known as colon carcinoma kinase 4 (CCK4), is an atypical receptor tyrosine kinase that consists of an extracellular domain with seven immunoglobulin-like domains, a transmembrane domain, and a catalytically defective tyrosine kinase domain (PMID: 29867084). It is implicated in planar cell polarity and in the Wnt canonical and non-canonical pathways (PMID: 24618420). Overexpression of PTK7 has been reported in a variety of tumors, such as cervical cancer, colon cancer, lung adenocarcinoma, acute myelogenous leukemia, and gastric cancer (PMID: 30944666).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Binbin Yu	30348980	Cell Death Dis	WB,IHC,IF
Ren-Chao Zou	31730575	Med Sci Monit	WB
Zhigang Xie	35649377	Cell Rep	IF

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

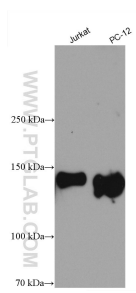
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

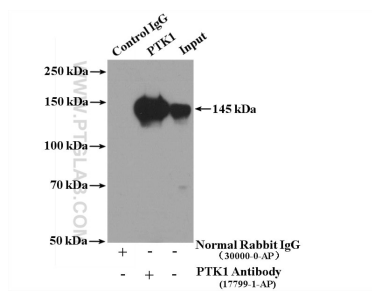
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

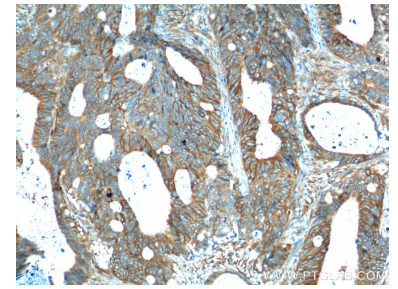
## Données de validation sélectionnées



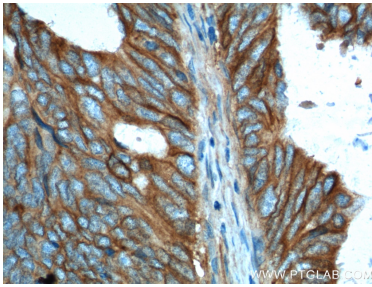
Various lysates were subjected to SDS PAGE followed by western blot with 17799-1-AP (PTK7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-PTK7 (IP:17799-1-AP, 4ug; Detection:17799-1-AP 1:300) with Jurkat cells lysate 3400ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 17799-1-AP (PTK7 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 17799-1-AP (PTK7 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).