

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Cytokeratin 18



Numéro de catalogue: 18708-1-AP

4 Publications

Informations de base

Numéro de catalogue:

18708-1-AP

Taille:

150ul, Concentration: 350 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

BC000180

Identification du gène (NCBI):

3875

Nom complet:

keratin 18

MW calculé

48 kDa

MW observés:

48 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:2000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:200-1:800

IF 1:50-1:500

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC

Spécificité de l'espèce:

Humain

Espèces citées:

bovin, porc, 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 A431, cellules COLO 320, cellules HepG2

IP : cellules A431,

IHC : tissu de carcinome à cellules rénales humain, tissu de cancer de la peau humain, tissu de cancer de l'endomètre humain, tissu de cancer du côlon humain, tissu de cancer du sein humain, tissu de néphroblastome humain, tissu de tumeur ovarienne humaine, tissu hépatique humain, tissu rénal humain

IF : cellules HepG2,

Informations générales

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells, which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins, including K9-K23, and the hair keratins Ha1-Ha8. Type II keratins are the basic or neutral counterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT18, also named as CYK18, PIG46 and K18, is the most commonly found members of the intermediate filament gene family. KRT18 is a type I keratin which is found primarily in non squamous epithelia and is present in a majority of adenocarcinomas and ductal carcinomas but not in squamous cell carcinomas. This antibody is specifically against KRT18.

Publications notables

Autrice	Pubmed ID	Journal	Application
Dhanushka Hewa Bostanthirige	33884281	Oncoscience	IHC
Jin-Song An	36497149	Cells	IHC
Ji Cheng	36040348	J Agric Food Chem	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.

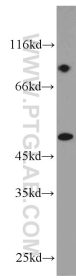
For technical support and original validation data for this product please contact:

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

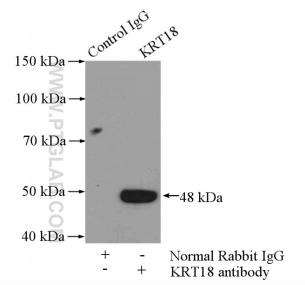
E: proteintech@ptglab.com
W: ptglab.com

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

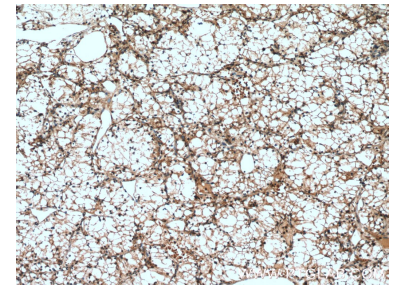
Données de validation sélectionnées



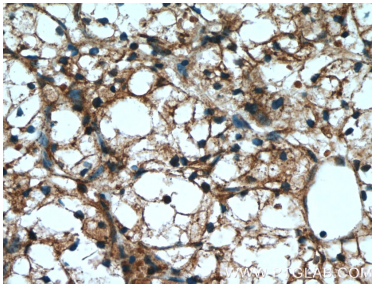
A431 cells were subjected to SDS PAGE followed by western blot with 18708-1-AP (Cytokeratin 18 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



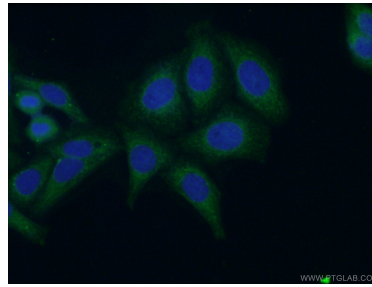
IP Result of anti-Cytokeratin 18 (IP:18708-1-AP, 4ug; Detection:18708-1-AP 1:500) with A431 cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 18708-1-AP (Cytokeratin 18 antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human renal cell carcinoma tissue slide using 18708-1-AP (Cytokeratin 18 antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 18708-1-AP (Cytokeratin 18 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).