

Nur für Forschungszwecke

# Cytokeratin 18 Polyklonaler Antikörper



Katalog-Nr.: 18708-1-AP

4 Publikationen

## Allgemeine Informationen

Katalog-Nr.: 18708-1-AP

Größe:

150ul, Konzentration: 350 µg/ml von 3875 Nanodrop und 267 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

GenBank-Zugangsnummer:

BC000180

GeneID (NCBI):

3875

Vollständiger Name:

keratin 18

Berechnete Masse:

48 kDa

Beobachtete Masse:

48 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 µg für IP und 1:500-1:1000

für WB

IHC 1:200-1:800

IF 1:50-1:500

## Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC

Getestete Reaktivität:

Human

Zitierte Arten:

Hausschwein, Maus, Rind

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: A431-Zellen, COLO 320-Zellen, HepG2-Zellen

IP: A431-Zellen,

IHC: humanes Nierenzellkarzinomgewebe, humanes Endometriumkarzinomgewebe, humanes Hautkrebsgewebe, humanes Kolonkarzinomgewebe, humanes Lebergewebe, humanes Mammakarzinomgewebe, humanes Nephroblastomgewebe, humanes Nierengewebe, humanes Ovarialkarzinomgewebe

IF: HepG2-Zellen,

## Hintergrundinformationen

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.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Dhanushka Hewa Bostanthirige	33884281	Oncoscience	IHC
Jin-Song An	36497149	Cells	IHC
Ji Cheng	36040348	J Agric Food Chem	IF

## Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

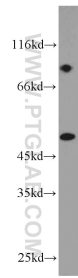
For technical support and original validation data for this product please contact:

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

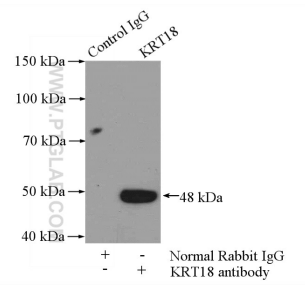
E: proteintech@ptglab.com  
W: ptglab.com

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

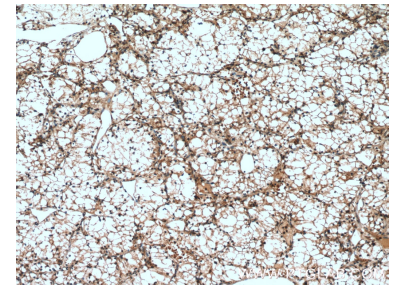
## Ausgewählte Validierungsdaten



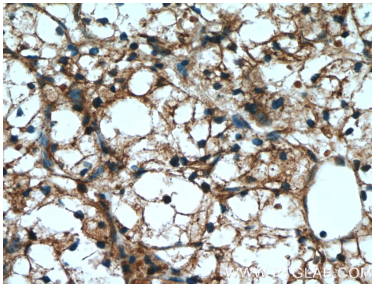
A431 cells were subjected to SDS PAGE followed by western blot with 18708-1-AP (Cytokeratin 18 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



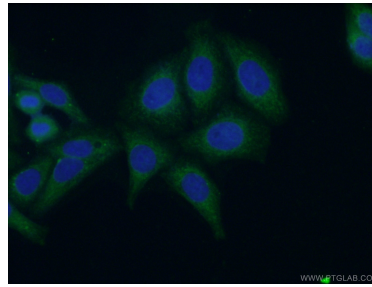
IP Result of anti-Cytokeratin 18 (IP:18708-1-AP, 4ug; Detection:18708-1-AP 1:500) with A431 cells lysate 2000ug.



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).