

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Cytokeratin 14



Numéro de catalogue: 10143-1-AP

Phare

54 Publications

Informations de base

Numéro de catalogue:
10143-1-AP

Taille:
150ul, Concentration: 1000 µg/ml by
Nanodrop and 360 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG0188

Numéro d'acquisition GenBank:
BC002690

Identification du gène (NCBI):

Nom complet:
keratin 14

MW calculé
472 aa, 52 kDa

MW observés:
47-50 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 1:500-1:2000
for WB
IHC 1:20-1:200
IF 1:200-1:800

Applications

Applications testées:

FC, IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

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

Contrôles positifs:

WB : cellules A431, tissu cutané de rat

IP : cellules A431,

IHC : tissu de cancer du poumon humain, tissu cutané de souris, tissu cutané humain, tissu de cancer de la peau humaine, tissu de cancer de l'œsophage humain, tissu de cancer du col de l'utérus humain, tissu de cancer du sein humain

IF : cellules HaCaT, cellules HeLa, cellules HepG2, tissu d'épithélium olfactif de souris

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. Keratin 14 is a type I cytokeratin. It is usually found as a heterotetramer with keratin 5. Keratins K14 and K5 have long been considered to be biochemical markers of the stratified squamous epithelia, including epidermis.

Publications notables

Autrice	Pubmed ID	Journal	Application
Vlasta Lungova	31551422	Nat Commun	IF
Zichun Gu	28975248	JAMA Facial Plast Surg	IHC
Zhen-Huang Chen	32918999	Mol Cell Neurosci	IHC

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.

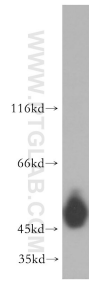
For technical support and original validation data for this product please contact:

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

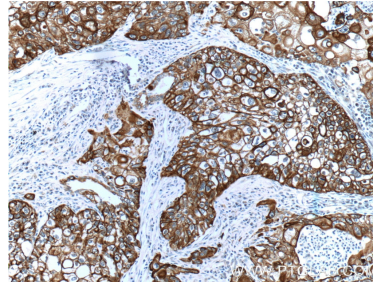
E: proteintech@ptglab.com
W: ptglab.com

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

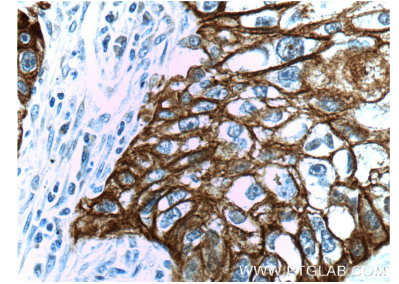
Données de validation sélectionnées



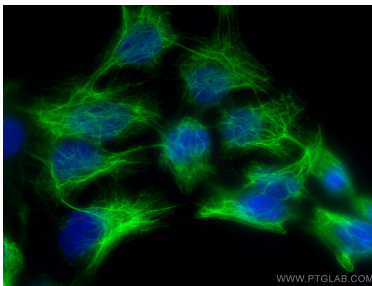
A431 cells were subjected to SDS PAGE followed by western blot with 10143-1-AP (Cytokeratin 14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



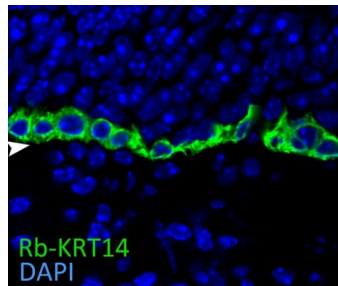
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10143-1-AP (Cytokeratin 14 antibody at dilution of 1:200 (under 10x lens).



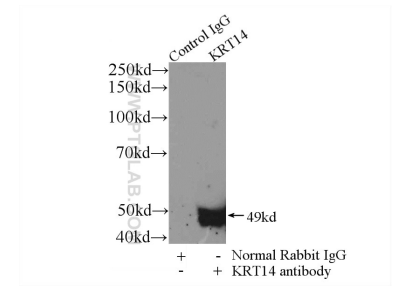
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 10143-1-AP (Cytokeratin 14 antibody at dilution of 1:200 (under 40x lens).



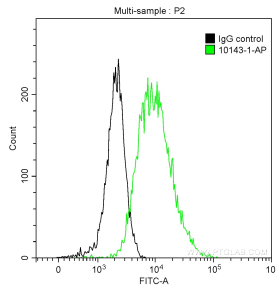
Immunofluorescent analysis of (-20°C Methanol) fixed HaCaT cells using Cytokeratin 14 antibody (10143-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IF result of CK14 (10143-1-AP, 1:400) with 1% PLP fixed basal quiescent stem cells of the adult mouse olfactory epithelium. (Green: CK14; Blue: DAPI). Basal lamina is marked by an arrow head. By Brian Lin, Tufts University.



IP Result of anti-Cytokeratin 14 (IP:10143-1-AP, 3ug; Detection:10143-1-AP 1:1000) with A431 cells lysate 1200ug.



1×10^6 A431 cells were intracellularly stained with 0.2 ug Anti-Human Cytokeratin 14 (10143-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Control Antibody. Cells were fixed with 90% MeOH.