À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Cytokeratin 4

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Numéro de catalogue:16572-1-AP 7 Publications

Informations de base

Numéro de catalogue:
16572-1-AP

Taille:
150ul , Concentration: 450 μg/ml by Nanodrop and 253 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9854

Numéro d'acquisition GenBank:
BC042174

Identification du gène (NCBI):
3851

Nom complet:
keratin 4

MW calculé
534 aa, 57 kDa

MW observés:
57 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IHC 1:50-1:500
IF 1:200-1:800

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain

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 A431, tissu vésical humain

IHC : tissu de cancer du col de l'utérus humain,

IF : cellules A431,

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 courterparts to the acidic type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. Keratin 4 is a type II cytokeratins. It is specifically found in differentiated layers of the mucosal and esophageal epithelia together with keratin 13.

Publications notables

Autrice	Pubmed ID	Journal	Application
Sandra Ruiz García	31558434	Development	IF
Ziv Schwartz	31473371	Ann Diagn Pathol	IHC
Lindsey W Plasschaert	30069046	Nature	IF

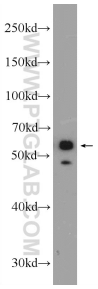
Stockage

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

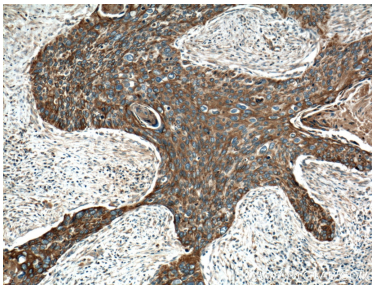
*** Les 20ul contiennent 0,1% de BSA.

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

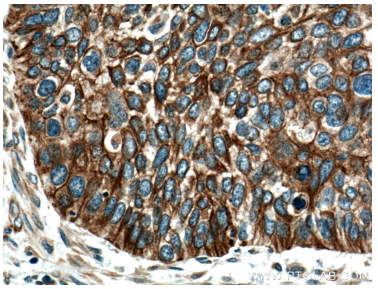
Données de validation sélectionnées



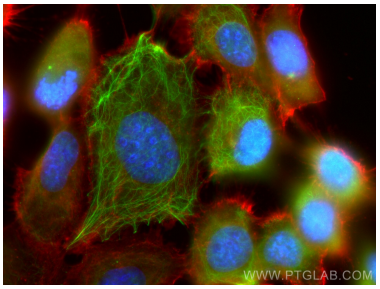
A431 cells were subjected to SDS PAGE followed by western blot with 16572-1-AP (Cytokeratin 4 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



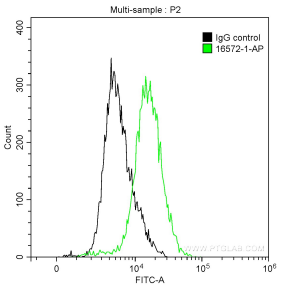
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 16572-1-AP (Cytokeratin 4 antibody at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 16572-1-AP (Cytokeratin 4 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Cytokeratin 4 antibody (16572-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite®594 Beta Actin antibody (CL594-66009, Clone: 2D4H5, red).



1X10^6 HeLa cells were stained with 0.2 ug Anti-Human Cytokeratin 4 (16572-1-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.