

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-COLEC11



Numéro de catalogue: 15269-1-AP

6 Publications

## Informations de base

Numéro de catalogue:  
15269-1-AP

Taille:  
150ul, Concentration: 1000 µg/ml by  
Nanodrop and 420 µg/ml by Bradford  
method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG7374

Numéro d'acquisition GenBank:  
BC000078

Identification du gène (NCBI):  
78989

Nom complet:  
collectin sub-family member 11

MW calculé  
29 kDa

MW observés:  
34 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

Dilutions recommandées:  
WB 1:500-1:1000  
IP 0.5-4.0 ug for IP and 1:500-1:1000  
for WB  
IHC 1:50-1:500  
IF 1:20-1:200

## Applications

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

Demandes citées:  
FC, 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; (\*) A défaut, 'le démasquage de  
l'antigène peut être 'effectué avec un  
tampon citrate pH 6,0.**

Contrôles positifs:

WB : tissu hépatique de souris, plasma humain

IP : tissu hépatique de souris,

IHC : tissu hépatique de souris,

IF : cellules ATCD5,

## Informations générales

COLEC11, also named as CL-K1 and Collectin-11, belongs to the COLEC10/COLEC11 family. It is a lectin that binds to various sugars: fucose > mannose. It does not bind to glucose, N-acetylglucosamine and N-acetylgalactosamine. COLEC11 binds to LPS. COLEC11 and MASP1 are two genes in the lectin complement pathway, they are mutated in 3MC syndrome, implicating this diverse inflammation-chemotaxis cascade in the etiology of human developmental disorders. COLEC11 serves as a guidance cue for neural crest cell migration.(PMID:21258343)

## Publications notables

| Autrice              | Pubmed ID | Journal               | Application |
|----------------------|-----------|-----------------------|-------------|
| Rafael Bayarri-Olmos | 30323815  | Front Immunol         | WB          |
| Min Wei              | 34615657  | Clin J Am Soc Nephrol | WB,IF       |
| Anne Rosbjerg        | 24683193  | J Immunol             | WB          |

## 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.

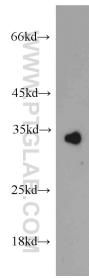
For technical support and original validation data for this product please contact:

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

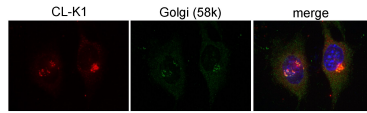
E: proteintech@ptglab.com  
W: ptglab.com

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

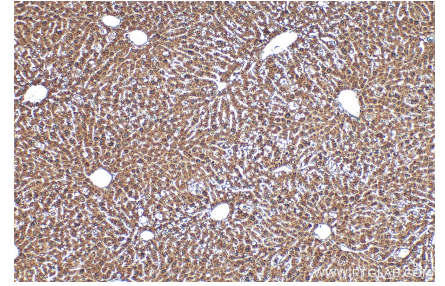
## Données de validation sélectionnées



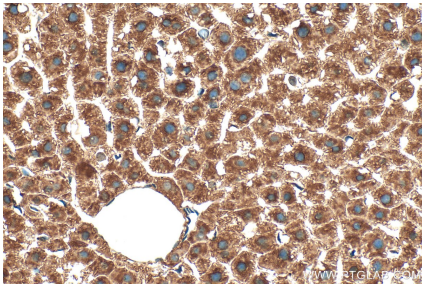
mouse liver tissue were subjected to SDS PAGE followed by western blot with 15269-1-AP (COLEC11 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



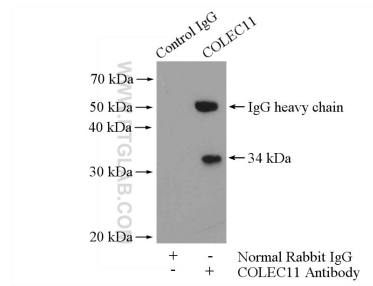
IF result (confocal image) of CL-K1 in ATCD5 cell show Golgi localization from Prof. Philip L. Beales.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 15269-1-AP (COLEC11 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 mouse liver tissue slide using 15269-1-AP (COLEC11 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-COLEC11 (IP:15269-1-AP, 4ug; Detection:15269-1-AP 1:500) with mouse liver tissue lysate 6400ug.