

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-HYAL4



Numéro de catalogue: 18139-1-AP

## Informations de base

Numéro de catalogue:  
18139-1-AP

Taille:  
150ul, Concentration: 220 µg/ml by  
Bradford method using BSA as the  
standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG12766

Numéro d'acquisition GenBank:  
BC104788

Identification du gène (NCBI):  
23553

Nom complet:  
hyaluronoglucosaminidase 4

MW calculé  
481 aa, 54 kDa

MW observés:  
65 kDa

Méthode de purification:  
Purification par affinité contre  
l'antigène

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

## Applications

Applications testées:  
IHC, IP, WB, ELISA

Spécificité de l'espèce:  
Humain, rat, 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 : tissu testiculaire de souris, cellules NIH/3T3

IP : tissu testiculaire de souris,

IHC : tissu testiculaire humain, tissu placentaire humain

## Informations générales

Hyaluronic acid (HA), a glycosaminoglycan that is ubiquitously present in the extracellular space of higher animals, maintains matrix structure and controls cellular functions such as proliferation, differentiation, and locomotion. Hyal enzymes that catabolize HA, are involved in development and tumorigenesis. HYAL4, a member of the Hyal family, is a chondroitin sulfate (CS)-specific endo-β-acetylglucosaminidase. The expression of hHYAL4 mRNA is not ubiquitous but restricted to placenta, skeletal muscle, and testis (PMID: 23086929). This polyclonal antibody raised against 29-460aa of human HYAL4. The apparent molecular weight is larger than the calculated molecular weight of 54 kDa, which is likely due to posttranslational modification, presumably by glycosylation (PMID: 19889881).

## 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.

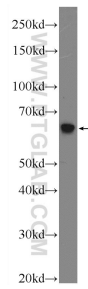
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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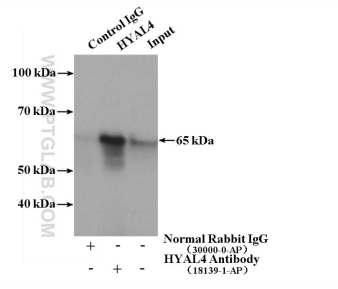
E: proteintech@ptglab.com  
W: ptglab.com

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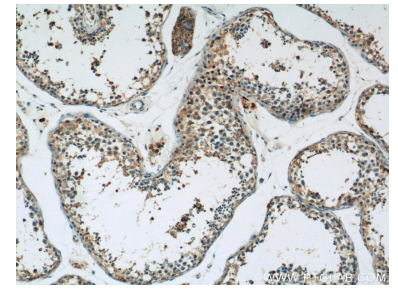
## Données de validation sélectionnées



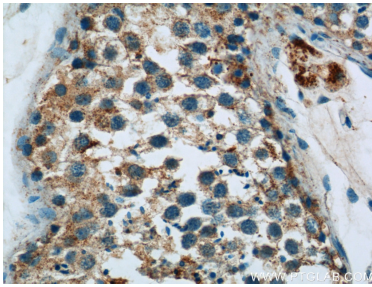
mouse testis tissue were subjected to SDS PAGE followed by western blot with 18139-1-AP (HYAL4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



IP Result of anti-HYAL4 (IP:18139-1-AP, 4ug; Detection:18139-1-AP 1:300) with mouse testis tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 18139-1-AP (HYAL4 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 18139-1-AP (HYAL4 Antibody) at dilution of 1:50 (under 40x lens).