

## Allgemeine Informationen

**Katalog-Nr.:**  
18139-1-AP

**Größe:**  
150ul, Konzentration: 220 µg/ml  
durch die Bradford-Methode mit BSA  
als Standard;

**Wirt:**  
Kaninchen

**Isotyp:**  
IgG

**Immunogen Katalognummer:**  
AG12766

**GenBank-Zugangsnummer:**  
BC104788

**GeneID (NCBI):**  
23553

**Vollständiger Name:**  
hyaluronoglycosaminidase 4

**Berechnete Masse:**  
481 aa, 54 kDa

**Beobachtete Masse:**  
65 kDa

**Reinigungsmethode:**

Antigen-Affinitätsreinigung

**Empfohlene Verdünnungen:**

WB 1:200-1:1000

IP 0.5-4.0 µg für IP und 1:200-1:1000  
für WB

IHC 1:20-1:200

## Anwendungen

**Geprüfte Anwendungen:**

IHC, IP, WB, ELISA

**Getestete Reaktivität:**

Human, Maus, Ratte

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

**Positivkontrollen:**

WB: Maushodengewebe, NIH/3T3-Zellen

IP: Maushodengewebe,

IHC: humanes Hodengewebe, humanes Plazenta-Gewebe

## Hintergrundinformationen

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-acetylgalactosaminidase. 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).

## 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

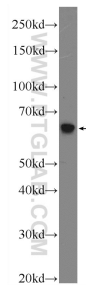
For technical support and original validation data for this product please contact:

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

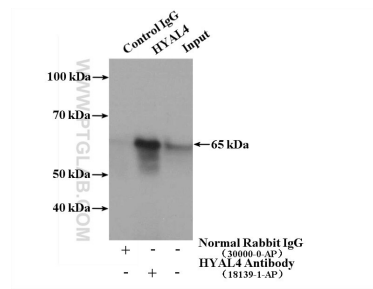
E: proteintech@ptglab.com  
W: ptglab.com

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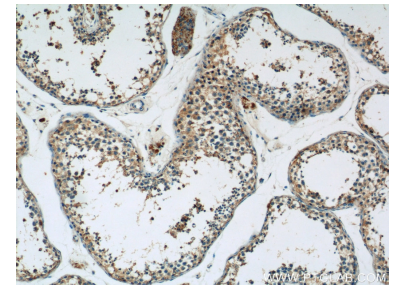
## Ausgewählte Validierungsdaten



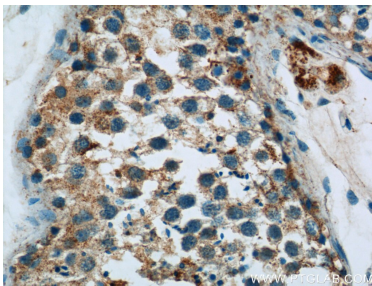
mouse testis tissue were subjected to SDS PAGE followed by western blot with 18139-1-AP (HYAL4 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



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).