

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-HYAL1



Numéro de catalogue: 25179-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 25179-1-AP	<b>Numéro d'acquisition GenBank:</b> BC035695	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3373	<b>Dilutions recommandées:</b> WB 1:1000-1:8000 IHC 1:50-1:500
<b>Hôte:</b> Lapin	<b>Nom complet:</b> hyaluronoglucosaminidase 1	
<b>Isotype:</b> IgG	<b>MW calculé:</b> 435 aa, 48 kDa	
<b>Immunogen Catalog Number:</b> AG17943	<b>MW observés:</b> 60 kDa	

## Applications

<b>Applications testées:</b> IHC, WB, ELISA	<b>Contrôles positifs:</b>
<b>Spécificité de l'espèce:</b> Humain, souris	<b>WB :</b> cellules HCT 116, cellules HeLa, cellules HepG2, cellules MCF-7
<b>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.</b>	<b>IHC :</b> tissu hépatique de souris,

## Informations générales

Hyaluronic acid (HA) is a glycosaminoglycan that is believed to have numerous important biologic functions, including modulation of cell proliferation, migration, and differentiation, as well as the regulation of extracellular water and protein homeostasis. It is also an integral structural component of cartilage and other tissues and acts as a lubricant in joints. Hyaluronidases are a family of enzymes that catalyse the degradation of HA. In humans, there are five functional hyaluronidases: HYAL1, HYAL2, HYAL3, HYAL4 and HYAL5 (also known as SPAM1 or PH-20); plus a pseudogene, HYAL6 (also known as HYALP1). HYAL-1 is present in many tissues and is predominantly found in the plasma and urine (PMID: 16600643). In addition to its function in normal cellular hyaluronan turnover, human HYAL-1 is implicated in cancer proliferation, angiogenesis, and inflammatory diseases (PMID: 17503783).

## Stockage

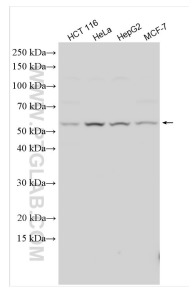
**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

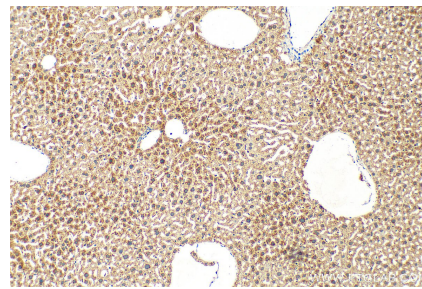
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

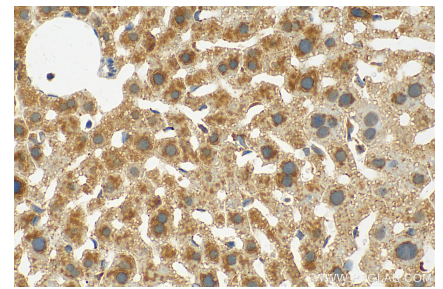
## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 25179-1-AP (HYAL1 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 25179-1-AP (HYAL1 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 25179-1-AP (HYAL1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).