

Nur für Forschungszwecke

# HYAL1 Polyklonaler Antikörper

Katalog-Nr.: 25179-1-AP



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 25179-1-AP	<b>GenBank-Zugangsnummer:</b> BC035695	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 600 µg/ml von Nanodrop und 300 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 3373	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> hyaluronoglucosaminidase 1	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 435 aa, 48 kDa	
<b>Immunogen Katalognummer:</b> AG17943	<b>Beobachtete Masse:</b> 60 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB: HepG2-Zellen,
<b>Getestete Reaktivität:</b> Human, Maus	

## Hintergrundinformationen

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).

## Lagerung

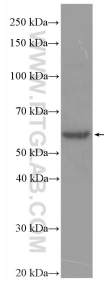
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

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



HepG2 cells were subjected to SDS PAGE followed by western blot with 25179-1-AP (HYAL1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.