

### Anti-HYAL1 antibody ab96751

#### 1 图像

#### 概述

产品名称	Anti-HYAL1抗体
描述	兔多克隆抗体to HYAL1
宿主	Rabbit
经测试应用	适用于: WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human HYAL1 aa 50-150 conjugated to keyhole limpet haemocyanin. (Peptide available as <a href="#">ab107788</a> )
阳性对照	This antibody gave a positive signal in the following Human tissue lysates: Liver; Kidney; Heart; Breast.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p> <p>Batches of this product that have a concentration &lt; 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our scientific support team who will be happy to help.</p>
纯度	Immunogen affinity purified

克隆

多克隆

同种型

IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab96751于以下的经测试应用

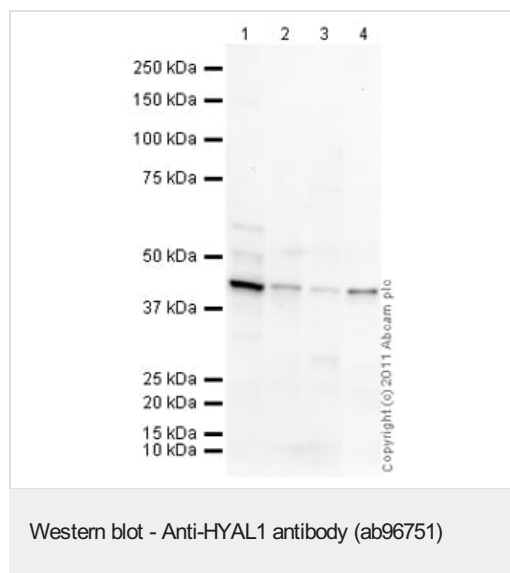
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use a concentration of 1 µg/ml. Detects a band of approximately 45 kDa (predicted molecular weight: 48 kDa).

靶标

功能	May have a role in promoting tumor progression. May block the TGFB1-enhanced cell growth.
组织特异性	Highly expressed in the liver, kidney and heart. Weakly expressed in lung, placenta and skeletal muscle. No expression detected in adult brain. Isoform 1 is expressed only in bladder and prostate cancer cells, G2/G3 bladder tumor tissues and lymph node specimens showing tumor invasive tumors cells. Isoform 3, isoform 4, isoform 5 and isoform 6 are expressed in normal bladder and bladder tumor tissues.
疾病相关	Defects in HYAL1 are the cause of mucopolysaccharidosis type 9 (MPS9) [MIM:601492]; also called hyaluronidase deficiency. MPS9 is a lysosomal storage disease characterized by high hyaluronan (HA) concentration in the serum. The clinical features are periarticular soft tissue masses, mild short stature and acetabular erosions, and absence of neurological or visceral involvement.
序列相似性	Belongs to the glycosyl hydrolase 56 family. Contains 1 EGF-like domain.
细胞定位	Secreted. Lysosome.

图片



**All lanes :** Anti-HYAL1 antibody (ab96751) at 1 µg/ml

**Lane 1 :** Human liver tissue lysate - total protein ([ab29889](#))

**Lane 2 :** Human kidney tissue lysate - total protein ([ab30203](#))

**Lane 3 :** Human heart tissue lysate - total protein ([ab29431](#))

**Lane 4 :** Human breast tissue lysate - total protein ([ab30090](#))

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 48 kDa

**Observed band size:** 45 kDa

**Additional bands at:** 60 kDa. We are unsure as to the identity of these extra bands.

**Exposure time:** 4 minutes

The band observed at 45 kDa could potentially be a cleaved form of HYAL1 due to the presence of a 21 amino acid signal peptide.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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