

A5726

Leader in Biomolecular Solutions for Life Science



# Heparanase 1 Rabbit pAb

Catalog No.: A5726

## Basic Information

### Observed MW

61kDa/50kDa

### Calculated MW

61kDa

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human,Mouse,Rat

## Background

Heparan sulfate proteoglycans are major components of the basement membrane and extracellular matrix. The protein encoded by this gene is an enzyme that cleaves heparan sulfate proteoglycans to permit cell movement through remodeling of the extracellular matrix. In addition, this cleavage can release bioactive molecules from the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

## Immunogen Information

### Gene ID

10855

### Swiss Prot

Q9Y251

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 36-275 of human Heparanase 1 (NP\_001092010.1).

### Synonyms

HPA; HPA1; HPR1; HSE1; HPSE1; Heparanase 1

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

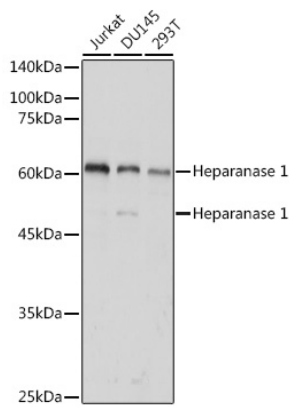
Affinity purification

### Storage

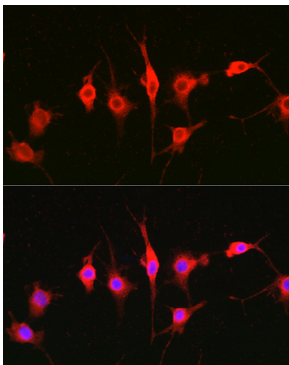
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

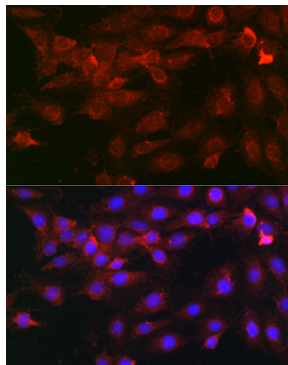
## Validation Data



Western blot analysis of extracts of various cell lines, using Heparanase 1 antibody (A5726) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3s.



Immunofluorescence analysis of BALB-3T3 cells using Heparanase 1 Rabbit pAb (A5726) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using Heparanase 1 Rabbit pAb (A5726) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.