

Datasheet for ABIN7428425  
**anti-HPSE antibody (AA 400-543)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	HPSE
Binding Specificity:	AA 400-543
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HPSE antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Monoclonal Antibody to Heparanase (HPSE)
Immunogen:	Recombinant Heparanase (HPSE) corresponding to Pro400~Ile543 with N-terminal His Tag
Clone:	C1
Isotype:	IgG2a lambda
Specificity:	The antibody is a mouse monoclonal antibody raised against HPSE. It has been selected for its ability to recognize HPSE in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

## Target Details

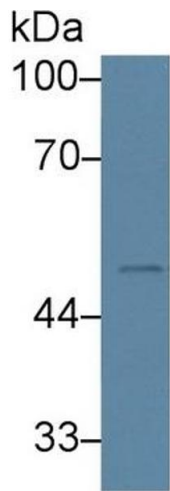
Target:	HPSE
Alternative Name:	Heparanase ( <a href="#">HPSE Products</a> )
Background:	HPA, HPR1, HPSE1, HSE1, Endo-glucuronidase,
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

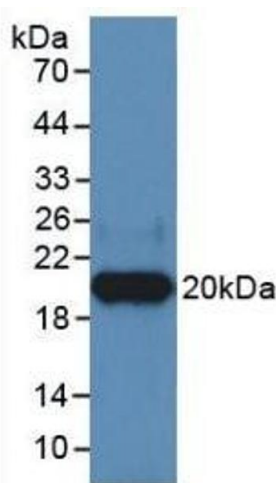
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



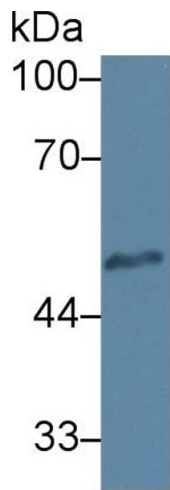
**Western Blotting**

**Image 1.** Detection of HPSE in Human HepG2 cell lysate using Monoclonal Antibody to Heparanase (HPSE)



**Western Blotting**

**Image 2.** Detection of Recombinant HPA, Human using Monoclonal Antibody to Heparanase (HPSE)



**Western Blotting**

**Image 3.** Detection of HPSE in Human Jurkat cell lysate using Monoclonal Antibody to Heparanase (HPSE)