antibodies -online.com







anti-HPSE antibody





Overview

Quantity:	200 μL
Target:	HPSE
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HPSE antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

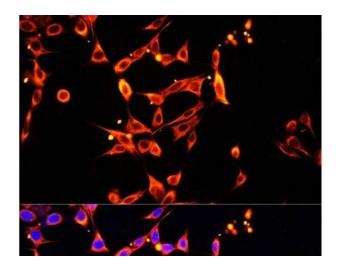
Immunogen:	Recombinant protein of human Heparanase 1
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	HPSE
Alternative Name:	Heparanase 1 (HPSE Products)
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

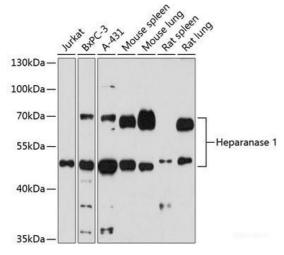
Target Details	
	transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 50 kDa/65 kDa
	Calculated_MW: 42 kDa/53 kDa/54 kDa/61 kDa
Gene ID:	10855
UniProt:	Q9Y251
Pathways:	Glycosaminoglycan Metabolic Process
Application Details	
Application Notes:	WB 1:500-1:2000 IF 1:50-1:200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



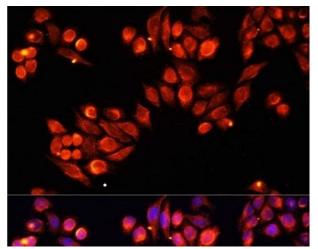
Immunofluorescence

Image 1. Immunofluorescence analysis of NIH/3T3 cells using Heparanase 1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cells using Heparanase 1 Polyclonal Antibody at dilution of 1:1000.



Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using Heparanase 1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.