Datasheet for ABIN656918

anti-Heparanase 2 antibody (C-Term)

2 Images

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Overview

Quantity:	400 µL
Target:	Heparanase 2 (HPSE2)
Binding Specificity:	AA 451-480, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Heparanase 2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HPSE2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 451-480 amino acids from the C-terminal region of human HPSE2.
Clone:	RB32587
Isotype:	Ig Fraction
Predicted Reactivity:	M
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	Heparanase 2 (HPSE2)
Alternative Name:	HPSE2 (HPSE2 Products)

Target Details

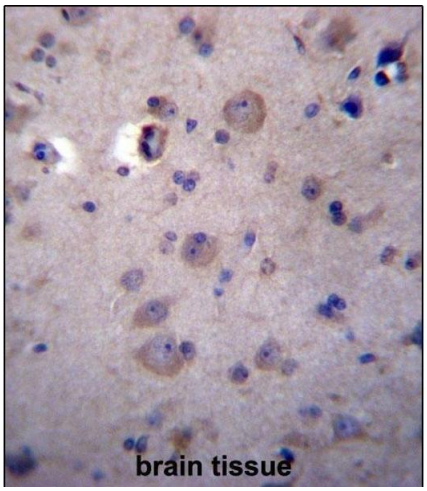
Background:	Endoglycosidase which is a cell surface and extracellular matrix-degrading enzyme. Cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. Also implicated in the extravasation of leukocytes and tumor cell lines. Due to its contribution to metastasis and angiogenesis, it is considered to be a potential target for anti-cancer therapies.
Molecular Weight:	66596
Gene ID:	60495
NCBI Accession:	NP_001159716, NP_001159717, NP_001159718, NP_068600
UniProt:	Q8WWQ2
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

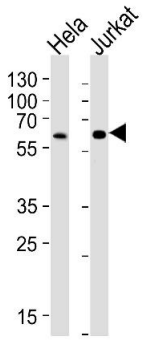
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	HPSE2 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HPSE2 Antibody (C-term) (ABIN656918 and ABIN2846113) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HPSE2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of lysates from HeLa, Jurkat cell line (from left to right), using HPSE2 Antibody (C-term) (ABIN656918 and ABIN2846113). (ABIN656918 and ABIN2846113) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.