Datasheet for ABIN952713

anti-Heparanase 2 antibody (C-Term)

2 Images

Go to Product page

Overview

Quantity:	0.4 mL
Target:	Heparanase 2 (HPSE2)
Binding Specificity:	AA 450-480, 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)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 450-480 amino acids from the C-terminal region of human Heparanase-2 / HPA2 Genename: HPSE2
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Heparanase-2 / HPA2 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	Heparanase 2 (HPSE2)
Alternative Name:	Heparanase-2 / HPA2 (HPSE2 Products)

Target Details

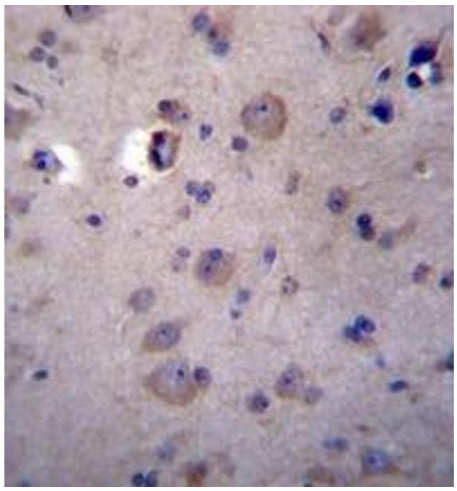
Background:	Endoglycosidase which is a cell surface and extracellular matrix-degrading enzyme. Cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. Also implicated in the extravasation of leukocytes and tumor cell lines. Due to its contribution to metastasis and angiogenesis, it is considered to be a potential target for anti-cancer therapies.Synonyms: HPSE2
Molecular Weight:	66596 Da
Gene ID:	60495
NCBI Accession:	NP_001159716
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

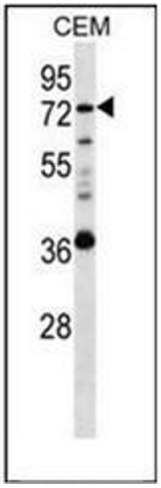
Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with Heparanase-2 / HPA2 Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 2. Western blot analysis of Heparanase-2 / HPA2 Antibody (C-term) in CEM cell line lysates (35ug/lane). This demonstrates the HPSE2 antibody detected the HPSE2 protein (arrow).