

Rabbit heparanase Polyclonal Antibody | anti-HPSE antibody

Rabbit anti-human heparanase polyclonal Antibody

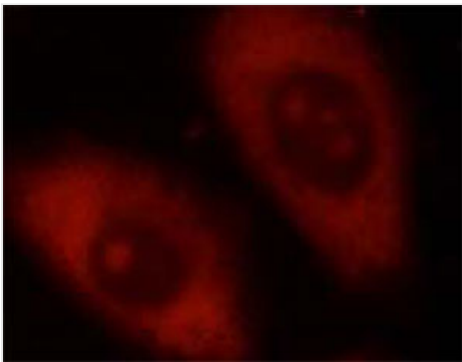
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA15907	Rabbit	Human, Mouse; Other species are not tested. Please decide the specificity by homology.	ELISA, Immunohistochemistry

PRODUCT SYNONYMS

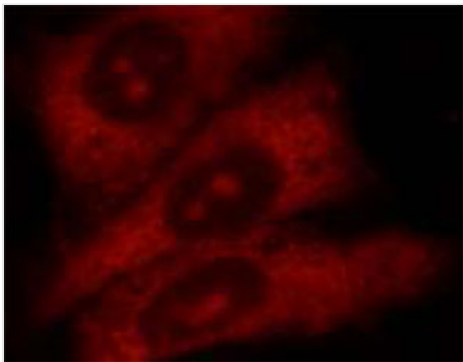
heparanase; Polyclonal Antibody; Rabbit anti-human heparanase polyclonal Antibody; Endo-glucuronidase; Heparanase-1; HEP; HPA; HPA1; HPR1; HPSE1; HSE1; HPSE; anti-HPSE antibody

PRODUCT SPECIFICATIONS

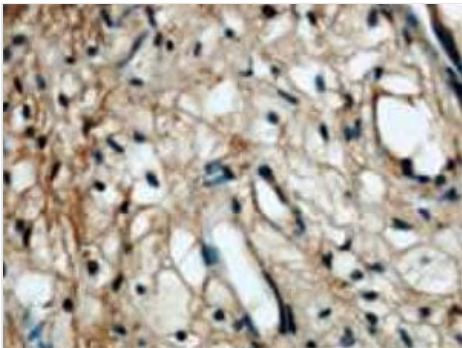
Host	Rabbit
Reactivity	Human, Mouse; Other species are not tested. Please decide the specificity by homology.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	543
Applicable Applications for anti-HPSE antibody	ELISA, IHC (Immunohistochemistry)
Application Notes	ELISA: Use at an assay dependent dilution. WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100 (Recommended dilution)
Immunogen	Human HPSE
Conjugate	Non-conjugated
Storage buffer	PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26136 / sc-25825
Preparation and Storage	Shipped at 4 degree C Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



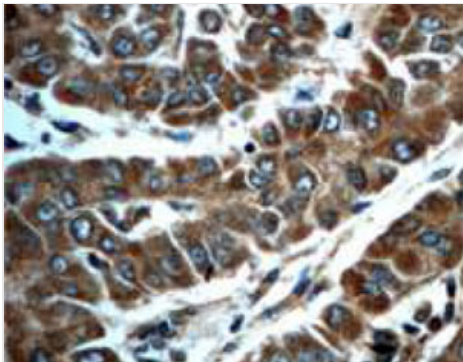
IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using HPSE Antibody at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



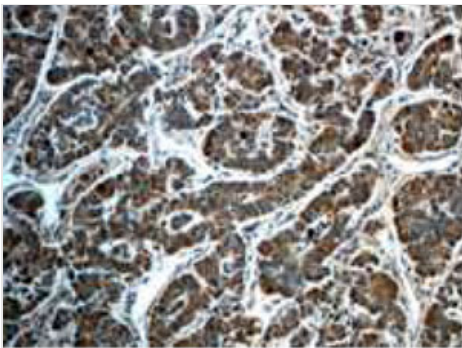
IF (Immunofluorescence)
Immunofluorescent analysis of HeLa cells using HPSE Antibody at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG



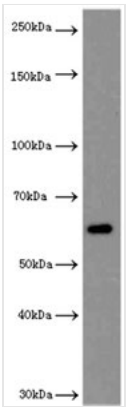
IHC (Immunohistochemistry)
immunohistochemistry of paraffin-embedded human placenta slide using HPSE Antibody at dilution of 1:50



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer slide using HPSE Antibody at dilution of 1:50



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer slide using HPSE Antibody at dilution of 1:50



SDS-PAGE
Jurkat cells were subjected to SDS PAGE followed by western blot with HPSE Antibody at dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-HPSE antibody	Endoglycosidase that cleaves heparan sulfate proteoglycans (HSPGs) into heparan sulfate side chains and core proteoglycans. Participates in extracellular matrix (ECM) degradation and remodeling. Selectively cleaves the linkage between a glucuronic acid unit and an N-sulfo glucosamine unit carrying either a 3-O-sulfo or a 6-O-sulfo group. Can also cleave the linkage between a glucuronic acid unit and an N-sulfo glucosamine unit carrying a 2-O-sulfo group, but not linkages between a glucuronic acid unit and a 2-O-sulfated iduronic acid moiety. It is essentially inactive at neutral pH but becomes active under acidic conditions such as during tumor invasion and in inflammatory processes. Facilitates cell migration associated with metastasis, wound healing and inflammation. Enhances shedding of syndecans, and increases endothelial invasion and angiogenesis in myelomas. Acts as procoagulant by increasing the generation of activation factor X in the presence of tissue factor and activation factor VII. Increases cell adhesion to the extacellular matrix (ECM), independent of its enzymatic activity. Induces AKT1/PKB phosphorylation via lipid rafts increasing cell mobility and invasion. Heparin increases this AKT1/PKB activation. Regulates osteogenesis. Enhances angiogenesis through up-regulation of SRC-mediated activation of VEGF. Implicated in hair follicle inner root sheath differentiation and hair homeostasis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5880863
NCBI GeneID	10855
NCBI Official Full Name	heparanase
NCBI Official Synonym Full Names	heparanase
NCBI Official Symbol	HPSE
NCBI Official Synonym Symbols	HPA; HPA1; HPR1; HSE1; HPSE1
NCBI Protein Information	heparanase; heparanase-1; endo-glucoronidase
UniProt Protein Name	Heparanase
UniProt Gene Name	HPSE
UniProt Synonym Gene Names	HEP; HPA; HPA1; HPR1; HPSE1; HSE1; Hpa1
UniProt Entry Name	HPSE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/heparanase-antibody-immunohistochemistry-elisa/15907>