

Rabbit HPSE2 Polyclonal Antibody | anti-HPSE2 antibody

HPSE2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285043	Rabbit	Human (Predicted Reactivity: Mouse)	Western Blot, Immunohistochemistry, ELISA

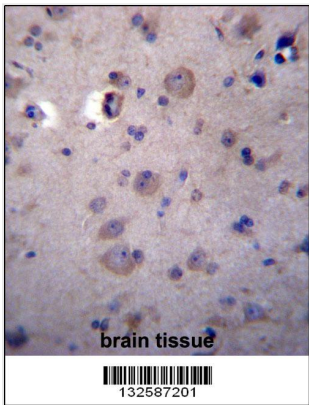
PRODUCT SYNONYMS

HPSE2; Polyclonal Antibody; HPSE2 Antibody (C-term); Inactive heparanase-2; Hpa2; HPA2; anti-HPSE2 antibody

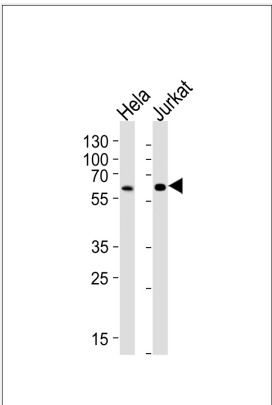
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	451-480
Sequence Length	480
Applicable Applications for anti-HPSE2 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
HPSE2 Antibody (C-term) 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.



WB (Western Blot)
Western blot analysis of lysates from HeLa, Jurkat cell line (from left to right), using HPSE2 Antibody (C-term). AAA285043 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 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-HPSE2 antibody	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.
Product Categories/Family for anti-HPSE2 antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	261878503
NCBI GeneID	60495
NCBI Accession #	NP_001159716.1 ; NP_001159717.1 ; NP_001159718.1 ; NP_068600.4
NCBI GenBank Nucleotide #	NM_001166244.1
UniProt Accession #	Q8WWQ2 ; Q5VUH4 ; Q5VUH5 ; Q5VUH6 ; Q8WWQ1 ; Q9HB37 ; Q9HB38 ; Q9HB39
Molecular Weight	66596
NCBI Official Full Name	inactive heparanase-2 isoform 2
NCBI Official Synonym Full Names	heparanase 2 (inactive)
NCBI Official Symbol	HPSE2
NCBI Official Synonym Symbols	UFS; HPA2; HPR2; UFS1
NCBI Protein Information	inactive heparanase-2
UniProt Protein Name	Inactive heparanase-2
UniProt Gene Name	HPSE2
UniProt Synonym Gene Names	HPA2; Hpa2
UniProt Entry Name	HPSE2_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.

