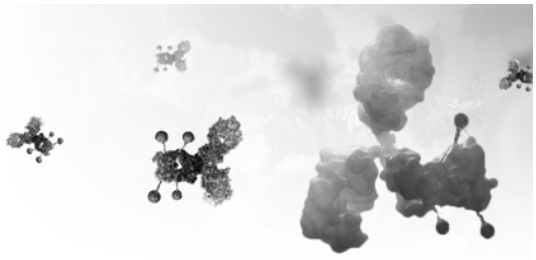

Rabbit Anti-Human HPA Polyclonal Antibody (CABT-L2110)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Heparanase (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against HPA. It has been selected for its ability to recognize HPA in immunohistochemical staining and western blotting.
Target	HPA
Immunogen	Recombinant fragment corresponding to human HPSE (Gln34~Arg115)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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 transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Keywords	HPSE;HPR1;HPSE1;HSE1;Endo-glucoronidase;

GENE INFORMATION

Gene Name	HPSE heparanase [Homo sapiens (human)]
Official Symbol	HPSE
Synonyms	HPSE; heparanase; HPA; HPA1; HPR1; HSE1; HPSE1; heparanase-1; endo-glucoronidase;
Protein Refseq	NP_001092010
UniProt ID	Q9Y251
Chromosome Location	4q21.3
Pathway	Defective B3GAT3 causes JDSSDHD; Defective B4GALT1 causes B4GALT1-CDG (CDG-2d); Defective B4GALT7 causes EDS, progeroid type; Defective CHST14 causes EDS, musculocontractural type; Defective CHST3 causes SEDCJD; Defective CHST6 causes MCDC1; Defective CHSY1 causes TPBS; Defective EXT1 causes exostoses 1, TRPS2 and CHDS;
Function	beta-glucuronidase activity; heparanase activity; protein binding; protein dimerization activity; syndecan binding;

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