



## Rabbit polyclonal antibody to human Heparanase (161-171): Affinity purified

<b>Catalogue No.:</b>	R-1132-100
<b>Description:</b>	Heparanase cleaves heparan sulfate proteoglycans into heparan sulfate side chains and core proteoglycans. The 65 kDa proheparanase precursor is proteolytically processed into a linker peptide of 8 kDa and a 50 kDa product harboring the active site. The active form of Heparanase is a heterodimer of these two subunits. Heparanase is highly expressed in placenta and spleen and weakly expressed in lymph node, thymus, peripheral blood leukocytes, bone marrow, endothelial cells, fetal liver and tumor tissues.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (KNSTYSRSSVD) corresponding to a region (161-171) from human Heparanase. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	Heparanase-1; Hpa1; Endo-glucuronidase; HPSE; HEP; HPA; HPA1; HPR1; HPSE1; HSE1;
<b>Accession:</b>	Q9Y251 HPSE_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human Heparanase (precursor) has a predicted length of 543 residues and MW of 62 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
<b>Expiry Date:</b>	12 months after purchase

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