



Rabbit polyclonal antibody to Heparin-binding growth factor 1 (126-143): Affinity purified

Catalogue No.:	R-1352-100
Description:	THIS PRODUCT IS TEMPORARILY OUT OF STOCK. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Fibroblast growth factors (FGFs) bind heparin and exhibit widespread mitogenic and neurotrophic activities in a variety of different cells including mesenchymal, neuroectodermal and endothelial cells.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide (LKKNIGSCKRGPRTHYGQK) corresponding to a region (126-143 aa) from the C-terminus of human Heparin-binding growth factor 1 (FGF-1).
Sequence:	LKKNIGSCKRGPRTHYGQK
Antibody Type:	Antiserum
Other Names:	HBGF-1; Acidic fibroblast growth factor; aFGF; Beta-endothelial cell growth factor; ECGF-beta; FGF1; FGFA; HBGF1;
Accession:	P05230 FGF1_HUMAN;
Produced in:	Rabbit
Applications:	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human FGF-1 (isoform 1) has a predicted length of 155 amino acids and MW of 17 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Antibody Against:	Heparin-binding growth factor 1
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Appearance:	Lyophilized white powder
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY