



## Rabbit polyclonal antibody to human FGF-4 (84-97): Affinity purified

<b>Catalogue No.:</b>	R-1623-100
<b>Description:</b>	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. FGF-4 is also known as Heparin secretory-transforming protein 1 (HST-1) and is reported to have mitogenic activity.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (RRLYCNVIGIFHLQ) corresponding to a region (84-97) from human FGF-4. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	Heparin secretory-transforming protein; HST-1; HST; Transforming protein KS3; HST; KS3; HSTF1; Heparin-binding growth factor 4; HBGF-4;
<b>Accession:</b>	P08620 FGF4_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Western Blotting (WB). A concentration of 0.1-0.5 ug/mL is recommended for WB. Human FGF-4 (precursor) has a predicted length of 206 residues and MW of 22 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; expected 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 Na <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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