

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

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| Catalogue No.: | R-1623-100 |
| Description: | 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. |
| Batch No.: | See product label |
| Unit size: | 100 ug |
| Antigen: | 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. |
| Other Names: | Heparin secretory-transforming protein; HST-1; HST; Transforming protein KS3; HST; KS3; HSTF1; Heparin-binding growth factor 4; HBGF-4; |
| Accession: | P08620 FGF4_HUMAN; |
| Produced in: | Rabbit |
| Purity: | Affinity purified on antigen column |
| Applications: | 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. |
| Specificity: | The specificity of this antibody has been confirmed by WB against the antigen. |
| Cross-reactivity: | Human; rat; expected 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 Na ₃ |
| 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
