

Rabbit polyclonal antibody to Hepatocyte Growth Factor (HGF) (amino acids 32-49): Affinity purified

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| Catalogue No.: | R-1353-100 |
| Description: | THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Hepatocyte growth factor (HGF) is a member of the plasminogen related growth factor family. The HGF protein is a dimer formed from an alpha and beta subunit linked by a disulfide bond. Both subunits originate from the endoproteolytic cleavage of a common precursor which is biologically inactive. HGF is expressed in Kupffer cells and sinusoidal endothelial cells in the liver and pancreas. |
| Batch No.: | See product label |
| Unit size: | 100 µg |
| Antigen: | A synthetic peptide (QRKRRNTIHEFKKSAKTT) corresponding to a region (32-49 aa) from human Hepatocyte Growth Factor (HGF). |
| Sequence: | QRKRRNTIHEFKKSAKTT |
| Antibody Type: | Antiserum |
| Other Names: | HGF; HPTA; Scatter factor; SF; Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain; Hepatopoeitin-A; |
| Accession: | P14210 HGF_HUMAN; P17945 HGF_RAT; |
| Produced in: | Rabbit |
| Applications: | Western Blotting (WB). A concentration of 1.0 µg/ml is recommended for WB. Rat HGF has a predicted length of 728 amino acids and MW of 83 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: | Hepatocyte Growth Factor |
| Cross-reactivity: | Rat; predicted to react with mouse and human 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 µl 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 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability and at 4°C with an appropriate antibacterial agent. Avoid freeze-thaw cycles |
| Expiry Date: | 12 months after purchase |

FOR RESEARCH USE ONLY
