

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

<b>Catalogue No.:</b>	R-1353-100
<b>Description:</b>	THIS PRODUCT HAS BEEN SUPERCEDED.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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 µg
<b>Antigen:</b>	A synthetic peptide (QRKRRNTIHEFKKSAKTT) corresponding to a region (32-49 aa) from human Hepatocyte Growth Factor (HGF).
<b>Sequence:</b>	QRKRRNTIHEFKKSAKTT
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	HGF; HPTA; Scatter factor; SF; Hepatocyte growth factor alpha chain; Hepatocyte growth factor beta chain; Hepatopoeitin-A;
<b>Accession:</b>	P14210 HGF_HUMAN; P17945 HGF_RAT;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	Hepatocyte Growth Factor
<b>Cross-reactivity:</b>	Rat; predicted to react with mouse and human 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>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 µl 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 - 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
<b>Expiry Date:</b>	12 months after purchase

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