



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

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Description:	THIS PRODUCT HAS BEEN SUPERCEDED.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

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