# antibodies .- online.com







## anti-HGS antibody (Internal Region)



**Images** 



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Quantity:	50 µg	
Target:	HGS	
Binding Specificity:	Internal Region	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This HGS antibody is un-conjugated	
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		

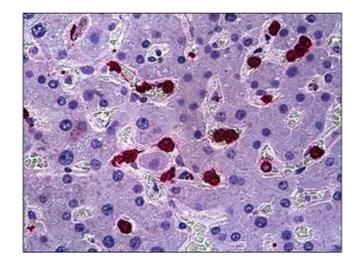
Immunogen:	Synthetic peptide - KLH conjugated Remarks: Antigen Modification: Internal
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total HGS protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat.  Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

### Target Details

Target: HGS

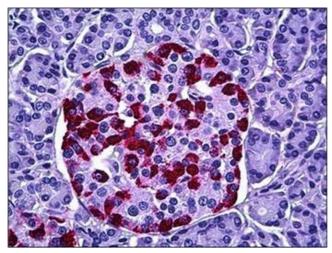
### **Target Details**

Alternative Name:	HGS / HRS (HGS Products)	
Background:	HGS is involved in intracellular signal transduction mediated by cytokines and growth factors. When associated with STAM, it suppresses DNA signaling upon stimulation by IL-2 and GM-CSF. It could be a direct effector of PI3-kinase in vesicular pathway via early endosomes and may regulate trafficking to early and late endosomes by recruiting clathrin. HGS may concentrate ubiquitinated receptors within clathrin-coated regions. It is involved in down-regulation of receptor tyrosine kinase via multivesicular body (MVBs) when complexed with STAM. This complex binds ubiquitin and acts as sorting machinery that recognizes ubiquitinated receptors and transfers them to further sequential lysosomal sorting/trafficking processes. HGS may contribute to the efficient recruitment of SMADs to the activin receptor complex.Synonyms: Hepatocyte growth factor-regulated tyrosine kinase substrate, Protein pp110	
Gene ID:	9146	
NCBI Accession:	NP_004703	
Pathways:	EGFR Signaling Pathway, CXCR4-mediated Signaling Events, Synaptic Vesicle Exocytosis, EGFR Downregulation	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Concentration:	1.0 mg/mL	
Buffer:	PBS (without Mg2+, Ca2+), pH 7.4 containing 150 mM Sodium Chloride, 0.02 % Sodium Azide and 50 % Glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Handling Advice:	Avoid repeated freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	



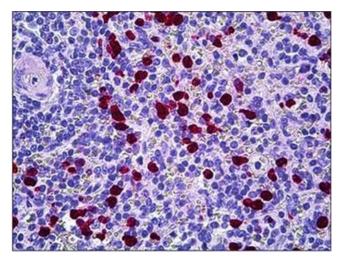
#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Human Pancreas, Islets of Langerhans: Formalin-Fixed, Paraffin-Embedded (FFPE)



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

Please check the product details page for more images. Overall 5 images are available for ABIN784218.