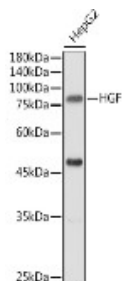
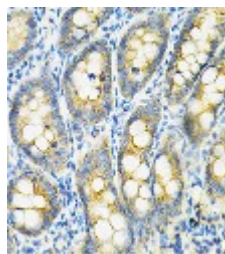


<b>Cat. No:</b>	AB-90164
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rb
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 30-285 of human HGF.
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500-1:2000 Immunohistochemistry: 1:50 - 1:100
<b>Molecular Weight:</b>	83kDa
<b>Purification:</b>	Aff. Pur.
<b>Synonyms:</b>	HGF;DFNB39;F-TCF;HGFB;HPTA;SF
<b>Background:</b>	<p>This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate alpha and beta chains, which form the mature heterodimer. This protein is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. This protein also plays a role in angiogenesis, tumorigenesis, and tissue regeneration. Although the encoded protein is a member of the peptidase S1 family of serine proteases, it lacks peptidase activity. Mutations in this gene are associated with non syndromic hearing loss.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of HepG2 cells, using HGF antibody at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus.



Immunohistochemistry of paraffin embedded rat intestine using HGF antibody at dilution of 1:100 (40x lens).

Exposure time: 30s.

## **References**

References for HGF Rabbit pAb

Product: HGF Rabbit pAb

Journal: Digestive diseases and sciences

Application:

IF: 2.81

Species: Rattus norvegicus

PMID: 30470953

Title: NAFLD Induction Delays Postoperative Liver Regeneration of ALPPS in Rats.