

Rabbit HGF Polyclonal Antibody | anti-HGF antibody

HGF Antibody

CATALOG # AAA326103	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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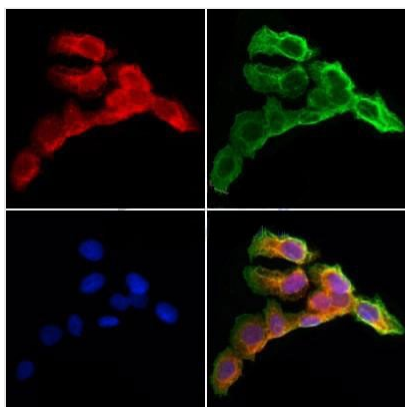
PRODUCT SYNONYMS

HGF; Polyclonal Antibody; HGF Antibody; DFNB39; F TCF; Fibroblast derived tumor cytotoxic factor; Hepatocyte growth factor (hepatopoietin A; scatter factor); Hepatocyte growth factor; Hepatocyte growth factor beta chain; Hepatocyte growth factor precursor; Hepatopoietin A; Hepatopoietin-A; Hgf; HGF_HUMAN; HGFB; HPTA; Lung fibroblast derived mitogen; OTTHUMP00000161349; OTTHUMP00000206710; OTTHUMP00000206711; OTTHUMP00000206712; OTTHUMP00000206713; OTTHUMP00000206730; Scatter factor; SF; anti-HGF antibody

PRODUCT SPECIFICATIONS

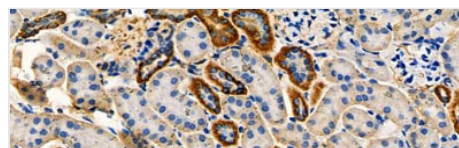
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	HGF Antibody detects endogenous levels of total HGF
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Immunogen	A synthesized peptide derived from human HGF, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



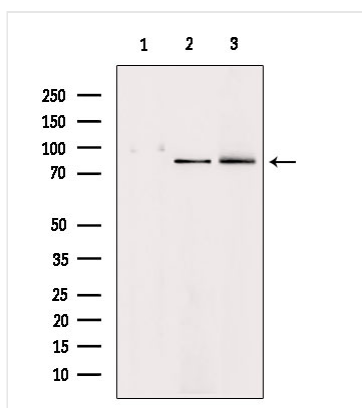
ICC (Immunocytochemistry)

AAA326103 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA326103 1:200) and mouse anti-beta tubulin Ab for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary Ab.



IHC (Immunohistochemistry)

AAA326103 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using HGF Antibody. Lane 1: Hela treated with blocking peptide. Lane 2: Hela; Lane 3: Mouse Myeloma cell;

ADDITIONAL INFORMATION

Related Product Information for anti-HGF antibody

Hepatocyte growth factor regulates cell growth, cell motility, and morphogenesis by activating a tyrosine kinase signaling cascade after binding to the proto-oncogenic c-Met receptor. Hepatocyte growth factor is secreted by mesenchymal cells and acts as a multi-functional cytokine on cells of mainly epithelial origin. Its ability to stimulate mitogenesis, cell motility, and matrix invasion gives it a central role in angiogenesis, tumorigenesis, and tissue regeneration. It is secreted as a single inactive polypeptide and is cleaved by serine proteases into a 69-kDa alpha-chain and 34-kDa betachain. A disulfide bond between the alpha and beta chains produces the active, heterodimeric molecule. The protein belongs to the plasminogen subfamily of S1 peptidases but has no detectable protease activity. Alternative splicing of this gene produces multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

NCBI AND UNIPROT INFORMATION

NCBI GI #	33859835
NCBI GeneID	3082
NCBI Accession #	NP_000592.3
NCBI GenBank Nucleotide #	NM_000601.5
UniProt Accession #	P14210; Q02935; Q13494; Q14519; Q3KRB2; Q8TCE2; Q9BYL9; Q9BYM0; Q9UDU6; A1L3U6
Molecular Weight	83kDa
NCBI Official Full Name	hepatocyte growth factor isoform 1 preproprotein
NCBI Official Synonym Full Names	hepatocyte growth factor
NCBI Official Symbol	HGF
NCBI Official Synonym Symbols	SF; HGFB; HPTA; F-TCF; DFNB39
NCBI Protein Information	hepatocyte growth factor
UniProt Protein Name	Hepatocyte growth factor
UniProt Gene Name	HGF
UniProt Synonym Gene Names	HPTA; SF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.