

产品名称: HGF Rabbit Polyclonal Antibody
产品货号: APRab12007



产品概述 (Summary)

产品名称 (Production Name)	HGF Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HGF
别名 (Alternative Names)	HGF; HPTA; Hepatocyte growth factor; Hepatopoietin-A; Scatter factor; SF
基因 ID (Gene ID)	3082.0
蛋白 ID (SwissProt ID)	P14210.The antiserum was produced against synthesized peptide derived from the Internal region of human HGF. AA range:500-600

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

研究背景 (Background)

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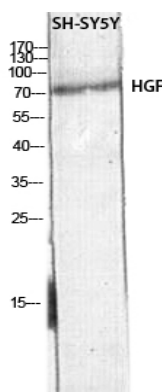


This gene encodes a protein that binds to the hepatocyte growth factor receptor to regulate cell growth, cell motility and morphogenesis in numerous cell and tissue types. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically 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 nonsyndromic hearing loss. [provided by RefSeq, Nov 2015],function:HGF is a potent mitogen for mature parenchymal hepatocyte cells, seems to be an hepatotrophic factor, and acts as growth factor for a broad spectrum of tissues and cell types. It has no detectable protease activity.,online information:Hepatocyte growth factor entry,similarity:Belongs to the peptidase S1 family. Plasminogen subfamily.,similarity:Contains 1 PAN domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 4 kringle domains.,subunit:Dimer of an alpha chain and a beta chain linked by a disulfide bond.,

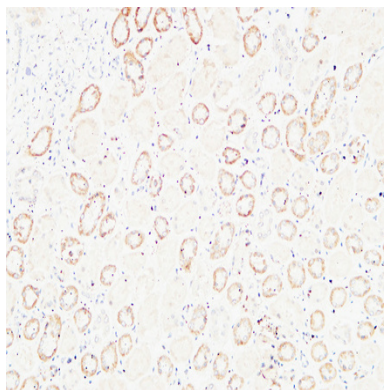
研究领域 (Research Area)

Cytokine-cytokine receptor interaction;Focal adhesion;Pathways in cancer;Renal cell carcinoma;Melanoma;

图片 (Image Data)



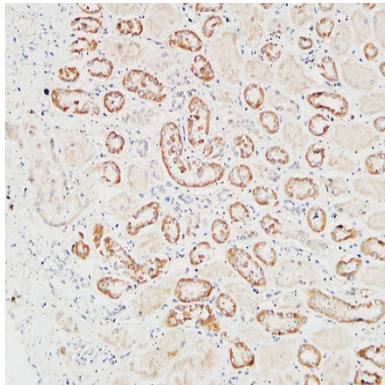
Western blot analysis of SH-SY5Y lysis using HGF antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



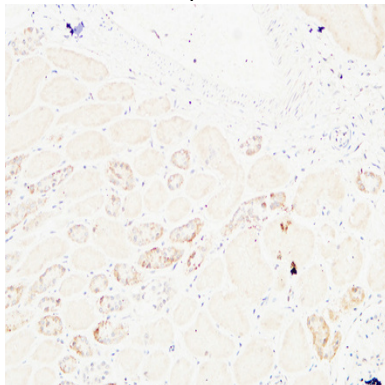
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Immunohistochemical analysis of paraffin-embedded Human kidney. 1, Antibody was diluted at 1:200 (4°,overnight) . 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200 (room temperature, 30min) .



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注意事项 (Note)

For research use only .