



Rabbit Anti-KGF antibody

SL0734R

Product Name:	KGF
Chinese Name:	纤维母细胞生长因子7抗体
Alias:	FGF 7; FGF7; FGF-7; Fibroblast Growth Factor 7;HBGF 7; HBGF7; HBGF-7; Keratinocyte growth factor precursor; Heparin binding growth factor 7; Keratinocyte Growth Factor; FGF7 HUMAN; Heparin-binding growth factor 7.
文献引用 PubMed :	<p>Specific References(4) SL0734R has been referenced in 4 publications.</p> <p>[IF=0.13]Durak, Hatice, et al. "Effect of Mitomycin C on bFGF, TGF-β1, KGF-1 Expressions after Myringotomy: An Animal Study." J Int Adv Otol 11.3 (2015): 188-91.IHC-P;Rat. PubMed:26915147</p> <p>[IF=3.23]Cai, Yujiao, et al. "Keratinocyte growth factor improves epithelial structure and function in a mouse model of intestinal ischemia/reperfusion." PloS one7.9 (2012).WB;Mouse. PubMed:23028616</p> <p>[IF=1.89]Cai, Yu-Jiao, et al. "Keratinocyte growth factor up-regulates Interleukin-7 expression following intestinal ischemia/reperfusion in vitro and in vivo." Int J Clin Exp Pathol 5.6 (2012): 569-580.WB;Mouse. PubMed:22949940</p> <p>[IF=1.07]Tang, Xiujun, et al. "The influences of adipose-derived stem cells (ASCs) on epithelial-mesenchymal cross-talk factors in the early stage of scar formation." Int J Clin Exp Med 10.1 (2017): 266-275.IHC-P;Rabbit. PubMed:0</p>
Organism Species:	Rabbit

Clonality:	Polyclonal
React Species:	Human, Mouse, Rat, Chicken, Dog, Pig, Sheep,
Applications:	WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	18kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human KGF:101-194/194
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>KGF is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein is a potent epithelial cell specific growth factor, whose mitogenic activity is predominantly exhibited in keratinocytes but not in fibroblasts and endothelial cells. Studies of mouse and rat homologs of this gene implicated roles in morphogenesis of epithelium, reepithelialization of wounds, hair development and early lung organogenesis.</p> <p>Function: Plays an important role in the regulation of embryonic development, cell proliferation and cell differentiation. Required for normal branching morphogenesis. Growth factor active on keratinocytes. Possible major paracrine effector of normal epithelial cell proliferation.</p> <p>Subunit: Interacts with FGFBP1. Interacts with FGFR2. Affinity between fibroblast growth factors (FGFs) and their receptors is increased by heparan sulfate glycosaminoglycans that function as coreceptors.</p> <p>Subcellular Location: Secreted.</p> <p>Tissue Specificity: Epithelial cell.</p> <p>Similarity:</p>

Belongs to the heparin-binding growth factors family.

SWISS:

P21781

Gene ID:

2252

Database links:

[Entrez Gene: 2252](#) Human

[Entrez Gene: 14178](#) Mouse

[Entrez Gene: 29348](#) Rat

[Omid: 148180](#) Human

[SwissProt: P21781](#) Human

[SwissProt: P36363](#) Mouse

[SwissProt: Q02195](#) Rat

[Unigene: 567268](#) Human

[Unigene: 330557](#) Mouse

[Unigene: 98842](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

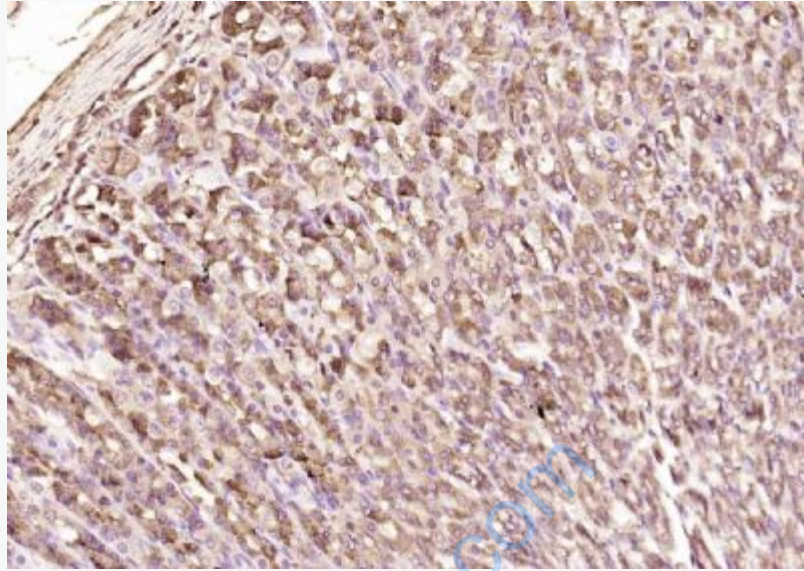
KGF/FGF7 (Fibroblast growth factor 7) 又称:HBGF-7

纤维母细胞生长因子7, 是FGF家族的主要成员之一。

FGF家族参与细胞生长、组织修复、胚胎生长发育、组织器官的形成、Tumour的生长和浸润等诸多生理病理功能。

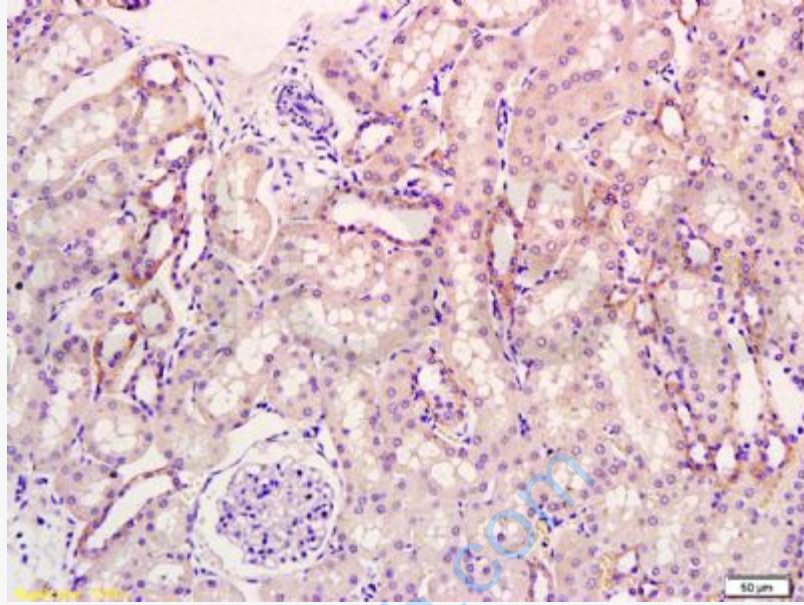
成纤维细胞生长因子7的促增生作用主要来源于角化epithelial

cells而不是间质细胞和endothelial cells, 因此人们又称之为:角化epithelial cells生长因子(KGF)。



Picture:

Paraformaldehyde-fixed, paraffin embedded (rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (KGF) Polyclonal Antibody, Unconjugated (SL0734R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-KGF/FGF7 Polyclonal Antibody, Unconjugated(SL0734R) 1:300, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining