

bs-0734R**[Primary Antibody]****KGF Rabbit pAb****BioSS**
ANTIBODIES

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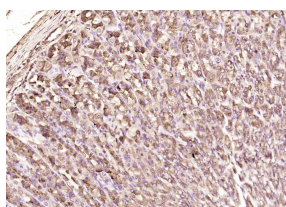
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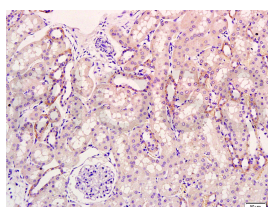
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 2252	SWISS: P21781	IF (1:100-500)
Target: KGF		Reactivity: Human, Rat (predicted: Mouse, Pig, Sheep, Chicken, Dog)
Immunogen: KLH conjugated synthetic peptide derived from human KGF: 101-194/194.		Predicted MW.: 18 kDa
Purification: affinity purified by Protein A		Subcellular Location: Secreted
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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.		

— VALIDATION IMAGES —

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 (bs-0734R) 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(bs-0734R) 1:300, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=13.2]** Nier Wu. et al. DNA nanotube-carrying antimicrobial peptide confers improved anti-infective therapy. NANO TODAY. 2024 Dec;59:102508 IF ;Mouse. 10.1016/j.nantod.2024.102508
- **[IF=5.572]** Haoming Chen. et al. Nicotine exposure exacerbates silica-induced pulmonary fibrosis via STAT3-BDNF-TrkB-mediated epithelial-mesenchymal transition in alveolar type II cells. FOOD CHEM TOXICOL. 2023 May;175:113694 WB,IHC ;Mouse,Human. 36868510

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

- **[IF=3.23]** Cai, Yujiao, et al. "Keratinocyte growth factor improves epithelial structure and function in a mouse model of intestinal ischemia/reperfusion." PloS one 7.9 (2012). WB ;="Mouse". 23028616
- **[IF=2.502]** Pu J et al. FGF-7 facilitates the process of psoriasis by inducing TNF- α expression in HaCaT cells. Acta Biochim Biophys Sin (Shanghai). 2019 Sep 6;51(10):1056-1063. WB ;Mouse. 31555794
- **[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". 22949940