

bs-1106R**[Primary Antibody]****Cytokeratin 8 Rabbit pAb****Bioss**
ANTIBODIES

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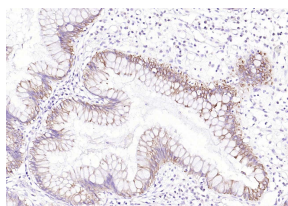
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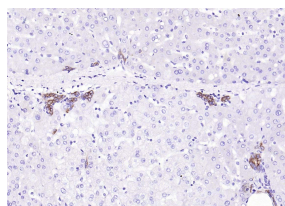
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:400-800) IF (1:100-500) ELISA (1:5000-10000) Reactivity: Human (predicted: Mouse, Rat, Chicken) Predicted MW.: 53 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 3856	SWISS: P05787	
Target: Cytokeratin 8		
Immunogen: KLH conjugated synthetic peptide derived from human CK8: 51-150/483.		
Purification: affinity purified by Protein A		
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: This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. The product of this gene typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]. Cytokeratin 8 is a member of the type II keratin family clustered on the long arm of chromosome 12. Type I and type II keratins heteropolymerize to form intermediate-sized filaments in the cytoplasm of epithelial cells. Cytokeratin 8 typically dimerizes with keratin 18 to form an intermediate filament in simple single-layered epithelial cells. This protein plays a role in maintaining cellular structural integrity and also functions in signal transduction and cellular differentiation. Mutations in this gene cause cryptogenic cirrhosis.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); 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 (Cytokeratin 8) Polyclonal Antibody, Unconjugated (bs-1106R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver); 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 (Cytokeratin 8) Polyclonal Antibody, Unconjugated (bs-1106R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.147]** Francesca Salamanna. et al. Development and characterization of a novel human 3D model of bone metastasis from breast carcinoma in vitro cultured. Bone. 2021 Feb;143:115773 IHC ;Human. 33249322
- **[IF=3.15]** Qian, Xian, Xiaolu Shi, and Hongyi Wang. "Effect of paeoniflorin on the calcium ion concentration in salivary gland cells using confocal laser scanning microscopy." Am J Transl Res 8.9 (2016): 3678-3688. ICC ;="Rat". 27725850
- **[IF=1.84]** Zhang, Pengfei, et al. "Proteome analysis of egg yolk after exposure to zinc oxide nanoparticles." Theriogenology (2017). WB ;="Chicken". 28460670
- **[IF=1.238]** Liu and Xiao Notch1 signaling induces epithelial-mesenchymal transition in lens epithelium cells during hypoxia. (2017) BMC.Ophthalmol. 17:135 WB ;Human. 28764685
- **[IF=0.5]** Zhang, Yongli, et al. "Calcitonin is expressed in the submaxillary glands of rats." Bosnian Journal of Basic Medical Sciences 14.4 (2014): 35-39. Other ;="Rat". 24579969