

**bs-0735R****[ Primary Antibody ]****BioSS**  
**ANTIBODIES**

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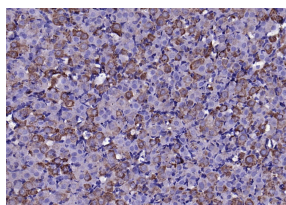
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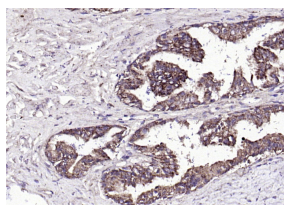
400-901-9800

**FGF8 Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Chicken, Dog)  <b>Predicted MW.:</b> 27 kDa  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 2253	<b>SWISS:</b> P55075	
<b>Target:</b> FGF8		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human FGF8: 131-233/233.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Keratinocyte growth factor precursor (KGF) (Fibroblast growth factor 8; FGF-8; HBGF-8). Stimulates growth of the cells in an autocrine manner. Mediates hormonal action on the growth of cancer cells. Cooperates with Wnt-1 in mouse mammary tumor virus-induced murine mammary tumorigenesis. [Subcellular location] Secreted. [Tissue specificity] Absent in normal mammary glands and detected only in adult testis and ovary and in midgestational embryos. [Induction] By androgens. Belongs to the heparin-binding growth factors family.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (rat ovary); 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 (FGF8) Polyclonal Antibody, Unconjugated (bs-0735R) 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 prostate); 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 (FGF8) Polyclonal Antibody, Unconjugated (bs-0735R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=1.559]** Chen et al. Sonic hedgehog protein regulates fibroblast growth factor 8 expression in metanephric explant culture from BALB/c mice: Possible mechanisms associated with renal morphogenesis. (2016) Mol.Med.Re. 14:2929-36 IF ;Mouse. 27510750
- **[IF=1.77]** Lu et al. Changes in expression and secretion patterns of fibroblast growth factor 8 and Sonic Hedgehog signaling pathway molecules during murine neural stem/progenitor cell differentiation in vitro. (2012) Neural.Regén.Res. 7:1688-94 WB,ICC ;Mouse, Rat. 25624789

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