

bs-1768R**[Primary Antibody]****FGFBP1 Rabbit pAb****BioSS**
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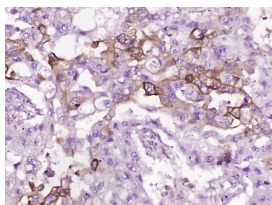
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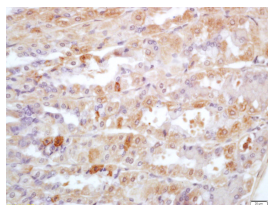
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 9982 Target: FGFBP1 Immunogen: KLH conjugated synthetic peptide derived from human FGFBP: 151-234/234. 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 encodes a secreted fibroblast growth factor carrier protein. The encoded protein plays a critical role in cell proliferation, differentiation and migration by binding to fibroblast growth factors and potentiating their biological effects on target cells. The encoded protein may also play a role in tumor growth as an angiogenic switch molecule, and expression of this gene has been associated with several types of cancer including pancreatic and colorectal adenocarcinoma. A pseudogene of this gene is also located on the short arm of chromosome 4. [provided by RefSeq, Nov 2011]	Isotype: IgG SWISS: Q14512	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat) Predicted MW.: 23 kDa Subcellular Location: Secreted ,Cell membrane
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human skin cancer); 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 (FGFBP1) Polyclonal Antibody, Unconjugated (bs-1768R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: mouse stomach 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-FGFBP1 Polyclonal Antibody, Unconjugated(bs-1768R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=9.802]** Alba Blasco et al. Motoneuron deafferentation and gliosis occur in association with neuromuscular regressive changes during ageing in mice. J Cachexia Sarcopenia Muscle . 2020 Dec;11(6):1628-1660. ICC ;mouse. 32691534
- **[IF=5.93]** Asparuhova, Maria B., et al. "Mechanism of irradiation-induced mammary cancer metastasis: A role for SAP-dependent Mkl1 signaling." Molecular Oncology (2015). WB ;Mouse. 25999144
- **[IF=5.94]** Taetzsch, Thomas, Milagros J. Tenga, and Gregorio Valdez. "Muscle fibers secrete FGFBP1 to slow

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degeneration of neuromuscular synapses during aging and progression of ALS." Journal of Neuroscience (2016): 2992-16. IHC ;Mouse. 10.1523/jneurosci.2992-16.2016

- **[IF=5.99]** Taetzsch et al. Muscle Fibers Secrete FGFBP1 to Slow Degeneration of Neuromuscular Synapses during Aging and Progression of ALS. (2017) J.Neurosc. 37:70-82 IHC ;Mouse. 28053031
- **[IF=5.611]** Azzurra Cottarelli. et al. Fgfbp1 promotes blood-brain barrier development by regulating collagen IV deposition and maintaining Wnt/ β -catenin signaling. Development. 2020 Aug;147(16) IF ;Mouse. 32747434