

**bs-1326R****[ Primary Antibody ]****FGF10 Rabbit pAb****BioSS**  
**ANTIBODIES**

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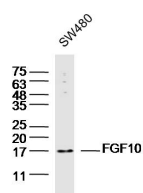
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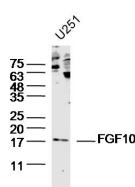
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Sheep, Cow, Chicken, Dog, GuineaPig, Horse)
<b>GeneID:</b> 2255	<b>SWISS:</b> O15520	<b>Predicted MW.:</b> 23 kDa
<b>Target:</b> FGF10		<b>Subcellular Location:</b> Secreted
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human FGF10: 101-208/208.		
<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> The protein encoded by this gene 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 exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of limb bud formation. This gene is also implicated to be a primary factor in the process of wound healing. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: SW480 (human) cell Lysate at 40 ug  
 Primary: Anti-FGF10(bs-1326R) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 23 kD  
 Observed band size: 17 kD



Sample: U251 (human) cell Lysate at 40 ug  
 Primary: Anti-FGF10(bs-1326R) at 1/300 dilution  
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
 Predicted band size: 23 kD  
 Observed band size: 18 kD

**— SELECTED CITATIONS —**

- **[IF=2.91]** Zhang Y et al. Comparative study on seasonal hair follicle cycling by analysis of the transcriptomes from cashmere and milk goats. Genomics. 2019 Feb 16. pii: S0888-7543(18)30576-7. WB ;Goat. 30779940
- **[IF=1.7]** Huang, Jian, et al. "Expression of bioactive recombinant human fibroblast growth factor 10 in Carthamus tinctorius L. seeds." Protein Expression and Purification (2015). WB ;. 26384708
- **[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=2.173]** Liu K et al. FGF10 regulates thalamocortical axon guidance in the developing thalamus. Neurosci Lett. 2020

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

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