

**bs-13240R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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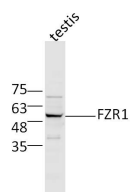
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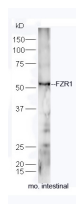
400-901-9800

**FZR1 Rabbit pAb****— DATASHEET —**

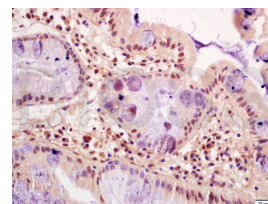
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Zebrafish, Chicken, Dog, Horse)  <b>Predicted MW.:</b> 55 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 51343	<b>SWISS:</b> Q9UM11	
<b>Target:</b> FZR1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human FZR1/CDC20C: 141-240/496.		
<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> Fizzy-related protein, known as fzf, is a conserved eukaryotic gene that has been recently identified as a 7WD domain family member and is implicated in cell cycle regulation of Drosophila and yeast. Retroviral overexpression of fzf in B-lymphoma cells reduces tumor formation. Fzf overexpression increases B-lymphoma cell susceptibility to natural killer cell (NK) cytotoxicity. Fzf has been implicated in a new category of genes which suppress B-cell tumorigenesis. Current research suggests a novel role for fzf in the target cell interaction with NK cells. Fzf also negatively regulates the levels of cyclins A, B and B3. Loss of fzf causes progression through an extra division cycle in the epidermis and inhibition of endoreduplication in the salivary gland, in addition to failure of cyclin removal. Conversely, premature fzf overexpression downregulates mitotic cyclins, inhibits mitosis and transforms mitotic cycles into endoreduplication cycles.		

**— VALIDATION IMAGES —**

Sample: testis (Mouse) Lysate at 40 ug  
Primary: Anti-FZR1(bs-13240R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 55 kD  
Observed band size: 55 kD



Protein: intestinal(mouse) lysate at 40ug;  
Primary: rabbit Anti-FZR1 (bs-13240R) at 1:300;  
Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 55 kD Observed band size: 55 kD



Tissue/cell: human gastric carcinoma; 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-FZR1/CDC20C Polyclonal Antibody, Unconjugated(bs-13240R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining