

**bs-18172R****[ Primary Antibody ]****ISX/Intestine specific homeobox Rabbit pAb****Bioss**  
**ANTIBODIES**

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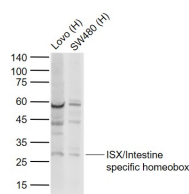
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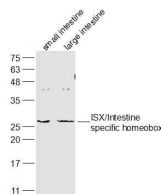
400-901-9800

**— DATASHEET —**

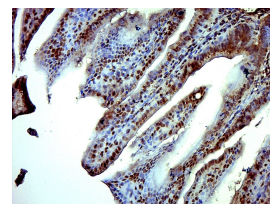
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse (predicted: Rat, Sheep, Cow, Horse)  <b>Predicted MW.:</b> 27 kDa  <b>Subcellular Location:</b> Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 91464	<b>SWISS:</b> Q2M1V0	
<b>Target:</b> ISX/Intestine specific homeobox		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ISX/Intestine specific homeobox: 81-180/245.		
<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> Homeobox genes encode DNA-binding proteins, many of which are thought to be involved in early embryonic development. Homeobox genes encode a DNA-binding domain of 60 to 63 amino acids referred to as the homeodomain. This gene is a member of the RAXLX homeobox gene family. [provided by RefSeq, Jul 2008]		

**— VALIDATION IMAGES —**

Sample: Lane 1: Lovo (Human) Cell Lysate at 30 ug  
Lane 2: SW480 (Human) Cell Lysate at 30 ug  
Primary: Anti-ISX/Intestine specific homeobox (bs-18172R) at 1:500 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 27 kD  
Observed band size: 27 kD



Sample: small intestine (Mouse) Lysate at 40 ug  
large intestine (Mouse) Lysate at 40 ug  
Primary: Anti-ISX/Intestine specific homeobox (bs-18172R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 27 kD  
Observed band size: 27 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse small intestine); 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 (ISX) Polyclonal Antibody, Unconjugated (bs-18172R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

**— SELECTED CITATIONS —**

- **[IF=3.9]** Youn-Kyung Kim. et al. The intestine-specific homeobox (ISX) modulates  $\beta$ -carotene-dependent regulation of microsomal triglyceride transfer protein (MTP) in a tissue-specific manner. BBA-MOL CELL BIOL L. 2024 Dec;;159584 WB ;Mouse. 39645027