

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

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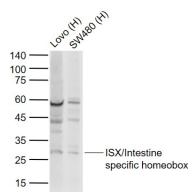
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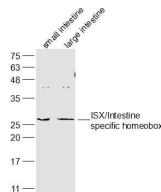
400-901-9800

— DATASHEET —

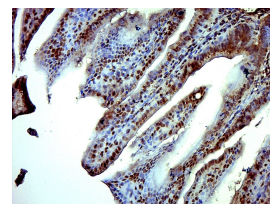
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Sheep, Cow, Horse) Predicted MW.: 27 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 91464	SWISS: Q2M1V0	
Target: ISX/Intestine specific homeobox		
Immunogen: KLH conjugated synthetic peptide derived from human ISX/Intestine specific homeobox: 81-180/245.		
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: 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 β -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