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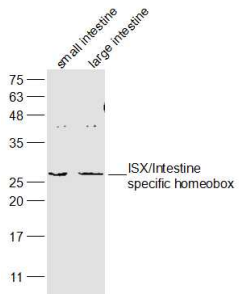
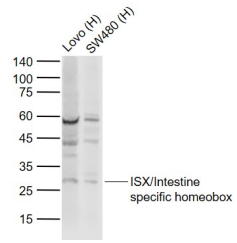
ISX/Intestine specific homeobox Rabbit pAb

Catalog Number:	bs-18172R
Target Protein:	ISX/Intestine specific homeobox
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
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 Locations:	Nucleus
Entrez Gene:	91464
Swiss Prot:	Q2M1V0
Source:	KLH conjugated synthetic peptide derived from human ISX/Intestine specific homeobox: 81-180/245.
Purification:	affinity purified by Protein A
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]

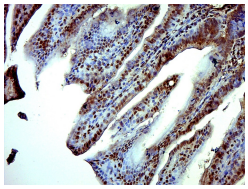
VALIDATION IMAGES



Sample: 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



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



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.

PRODUCT SPECIFIC PUBLICATIONS

[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