

Rabbit anti-Human, Mouse INSL5 Polyclonal Antibody | anti-INSL5 antibody

INSL5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327758	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

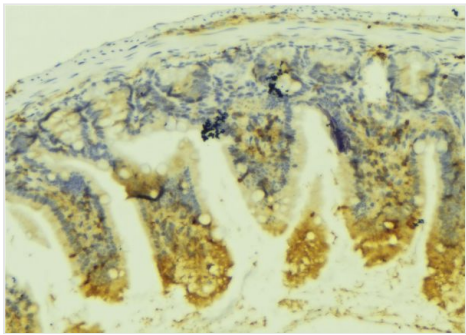
PRODUCT SYNONYMS

INSL5; Polyclonal Antibody; INSL5 Antibody; INSL5_HUMAN; Insulin like peptide INSL5; Insulin-like peptide 5; Insulin-like peptide INSL5 A chain; MGC126695; MGC126697; PRO182; RIF2; RP24-72J16.1; UNQ156; UNQ156/PRO182; anti-INSL5 antibody

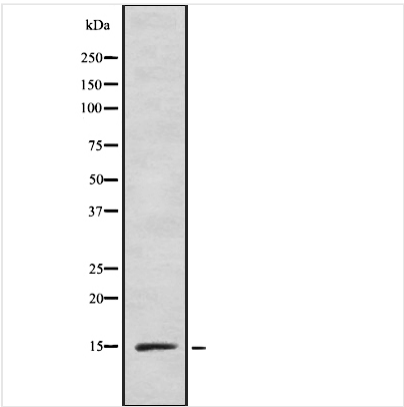
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	INSL5 antibody detects endogenous levels of total INSL5
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	135
Applicable Applications for anti-INSL5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human INSL5
Subcellular Location	Secreted.
Tissue Specificity	Highly expressed in rectum with lower levels in uterus and ascending and descending colon.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit
Similarity	Bovine (100%), Sheep (86%), Rabbit (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327758 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis INSL5 using HeLa whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-INSL5 antibody	Function: May have a role in gut contractility or in thymic development and regulation. Activates RXFP4 with high potency and appears to be the endogenous ligand for this receptor. Subunit Structure: Heterodimer of a B chain and an A chain linked by two disulfide bonds. Similarity: Belongs to the insulin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38569233
NCBI GeneID	10022
NCBI Accession #	NP_005469.2
NCBI GenBank Nucleotide #	NM_005478.4
UniProt Accession #	Q9Y5Q6; Q3MIY4; Q5VYD8
Molecular Weight	Observed: 15 kDa Predicted: 16 kDa
NCBI Official Full Name	insulin-like peptide INSL5
NCBI Official Synonym Full Names	insulin like 5
NCBI Official Symbol	INSL5
NCBI Official Synonym Symbols	PRO182; UNQ156
NCBI Protein Information	insulin-like peptide INSL5
UniProt Protein Name	Insulin-like peptide INSL5
UniProt Gene Name	INSL5
UniProt Synonym Gene Names	Insulin-like peptide 5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.