



Anti-INSL3 (aa 115-131) polyclonal antibody (CPBT-37067RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human INSL3.
Antigen Description	The protein encoded by this gene is an insulin like hormone produced mainly in gonadal tissues in males and females. Studies of the mouse counterpart suggest that this gene may be involved in the development of urogenital tract and female fertility. It may also act as a hormone to regulate growth and differentiation of gubernaculum, and thus mediating intra-abdominal testicular descent. The mutations in this gene may lead to, but not a frequent cause of, cryptorchidism.
Specificity	Expressed in prenatal and postnatal Leydig cells. Found as well in the corpus luteum, trophoblast, fetal membranes and breast.
Immunogen	Synthetic peptide, corresponding to C terminal amino acids 115-131 of Human INSL3, differing from the related rat and mouse sequence by three amino acids.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rhesus monkey
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHC-P
Sequence Similarities	Belongs to the insulin family.
Cellular Localization	Secreted.

Format	Liquid
Size	100 µg
Buffer	Preservative: 0.02% Sodium Azide, 0.01% Thimerosal (merthiolate)Constituents: 2.5% BSA, 0.45% Sodium chloride, 0.1% Dibasic monohydrogen sodium phosphate
Preservative	0.02% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	INSL3 insulin-like 3 (Leydig cell) [Homo sapiens]
Official Symbol	INSL3
Synonyms	INSL3; insulin-like 3 (Leydig cell); relaxin like factor , RLNL; insulin-like 3; MGC119818; MGC119819; RLF; INSL 3; INSL3; INSL3_HUMAN; Insulin like 3; Insulin-like 3 A chain; Ley IL; Ley-I-L; Leydig insulin like peptide; Leydig insulin-like peptide; Relaxin like factor; Relaxin-like factor; RLF; RLNL; ley-I-L; relaxin-like factor b; leydig insulin-like peptide; leydig insulin -like hormone; leydig insulin -like peptide; RLNL;
Entrez Gene ID	3640
Protein Refseq	NP_005534
UniProt ID	P51460
Chromosome Location	19p13.2-p12
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Immune System, organism-specific biosystem; Interleukin receptor SHC signaling, organism-specific biosystem; Interleukin-2 signaling, organism-specific biosystem; Interleukin-3, 5 and GM-CSF signaling,.
Function	G-protein coupled receptor binding; hormone activity; insulin receptor binding; receptor binding; signal transducer activity;