

Rabbit polyclonal antibody to human Insulin-like 3 (115-131): Affinity purified

Catalogue No.:	R-1066-100
Description:	The Insulin-like 3 (INSL3) precursor is cleaved into 2 chains; Insulin-like 3 B and Insulin-like 3 A. The protein is a heterodimer of a B chain and an A chain linked by two disulfide bonds. INSL3 is expressed in prenatal and postnatal Leydig cells as well in the corpus luteum, trophoblast, fetal membranes and breast.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (115-131) from human Insulin-like 3 (INSL3). To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	Leydig insulin-like peptide; Ley-I-L; Relaxin-like factor; INSL3; RLF; RLNL;
Accession:	P51460 INSL3_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human INSL3 (precursor) has a predicted length of 131 residues and MW of 14 kDa. A concentration of 1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB (Human, rat) and IHC (Human) against the antigen.
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

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