

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

<b>Catalogue No.:</b>	R-1066-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 $\mu$ g
<b>Antigen:</b>	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.
<b>Other Names:</b>	Leydig insulin-like peptide; Ley-I-L; Relaxin-like factor; INSL3; RLF; RLNL;
<b>Accession:</b>	P51460 INSL3_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 $\mu$ g/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 $\mu$ g/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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB (Human, rat) and IHC (Human) against the antigen.
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 $\mu$ l of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2 - 4 $^{\circ}$ C (lyophilized formulations). After reconstitution, aliquot and store at -20 $^{\circ}$ C for a higher stability. Avoid freeze-thaw cycles
<b>Expiry Date:</b>	12 months after purchase

---

FOR RESEARCH USE ONLY

---