

For Research Use Only

# INSL3 Polyclonal antibody, PBS Only

Catalog Number:17997-1-PBS



## Basic Information

<b>Catalog Number:</b> 17997-1-PBS	<b>GenBank Accession Number:</b> BC071706	<b>Purification Method:</b> Antigen affinity purification
<b>Concentration:</b> 1mg/ml	<b>GeneID (NCBI):</b> 3640	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P51460	
<b>Isotype:</b> IgG	<b>Full Name:</b> insulin-like 3 (Leydig cell)	
<b>Immunogen Catalog Number:</b> AG12455	<b>Calculated MW:</b> 131 aa, 14 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

Insulin-like 3 (INSL3), a Leydig cell-specific hormone, is essential for testis descent during foetal life and bone metabolism in adults. Insl3-deficient mice exhibit bilateral undescended testes located high in the abdominal cavity. INSL3 is presumed also to conform to a heterodimeric A-B structure of approximately 6 kDa once released from the producing cells. It is possible that both the mature form of INSL3 (6.6 kDa) and the pro-form(s) of INSL3 (12-14 kDa) are secreted from mammalian Leydig cells (PMID: 19329805).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

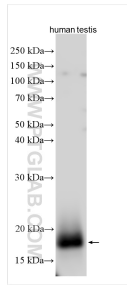
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



human testis tissue were subjected to SDS PAGE followed by western blot with 17997-1-AP (INSL3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17997-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17997-1-AP (INSL3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 17997-1-AP (INSL3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).