

For Research Use Only

INSL3 Polyclonal antibody, PBS Only

Catalog Number: 17997-1-PBS



Basic Information

Catalog Number: 17997-1-PBS	GenBank Accession Number: BC071706	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 3640	
Source: Rabbit	UNIPROT ID: P51460	
Isotype: IgG	Full Name: insulin-like 3 (Leydig cell)	
Immunogen Catalog Number: AG12455	Calculated MW: 131 aa, 14 kDa	
	Observed MW: 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.

Storage Buffer:
PBS only, pH7.3

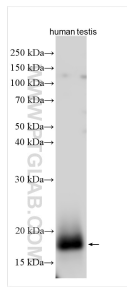
For technical support and original validation data for this product please contact:

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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).