

For Research Use Only

INSL3 Polyclonal antibody

Catalog Number: 17997-1-AP

2 Publications



Basic Information

Catalog Number:

17997-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12455

GenBank Accession Number:

BC071706

GeneID (NCBI):

3640

UNIPROT ID:

P51460

Full Name:

insulin-like 3 (Leydig cell)

Calculated MW:

131 aa, 14 kDa

Observed MW:

18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

rat

Positive Controls:

WB: human testis tissue,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Xiang Zhou	36308879	Ecotoxicol Environ Saf	WB
Nan Yang	39700678	Exp Mol Pathol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

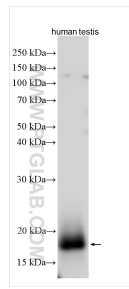
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.