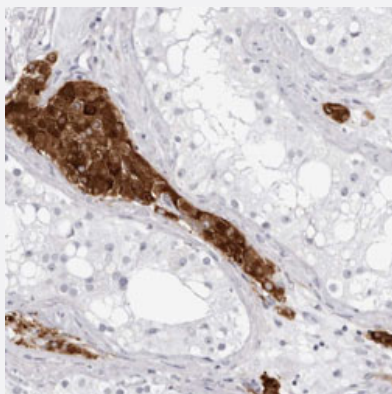


INSL3 polyclonal antibody

Catalog # PAB30995 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with INSL3 polyclonal antibody (Cat # PAB30995) shows strong cytoplasmic positivity in Leydig cells.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human INSL3.
Immunogen	Recombinant protein corresponding to human INSL3.
Sequence	EMREKLCGHHFVRALVRVCGGPRWSTEARRPATGGDRELLQWLERRHLLHGLVADSNLTGPG LQPLPQTSHHHRHHRAAATNPARYCCLSGCTQQDLLTLCPY
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-1:2500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — INSL3

Entrez GeneID[3640](#)**Protein Accession#**[P51460](#)**Gene Name**

INSL3

Gene Alias

MGC119818, MGC119819, RLF, RLNL

Gene Description

insulin-like 3 (Leydig cell)

Omim ID[146738 219050](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is an insulin like hormone produced mainly in gonadal tissues in males and females. Studies of the mouse counterpart suggest that this gene may be involved in the development of urogenital tract and female fertility. It may also act as a hormone to regulate growth and differentiation of gubernaculum, and thus mediating intra-abdominal testicular descent. The mutations in this gene may lead to, but not a frequent cause of, cryptorchidism. [provided by RefSeq]

Other Designations

insulin-like 3|leydig insulin -like hormone|leydig insulin -like peptide|relaxin-like factor b

Publication Reference

- [Cell context-specific expression of primary cilia in the human testis and ciliary coordination of Hedgehog signalling in mouse Leydig cells.](#)

Marie Berg Nygaard, Kristian Almstrup, Louise Lindbæk, Søren Tvorup Christensen, Terje Svingen.

Scientific Reports 2015 May; 5:10364.

Application: IF, IHC-P, Human, Human testes

- [The human testis-specific proteome defined by transcriptomics and antibody-based profiling.](#)

Djureinovic D, Fagerberg L, Hallstrom B, Danielsson A, Lindskog C, Uhlen M, Ponten F.

Molecular Human Reproduction 2014 Jun; 20(6):476.

Application: IHC, Human, Human testes

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