

Product Datasheet

INSL3 Antibody - BSA Free

NBP1-81223

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP1-81223

INSL3 Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

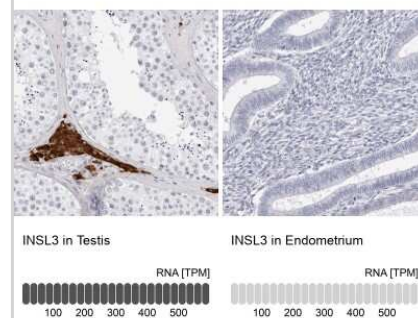
Product Description	
Host	Rabbit
Gene ID	3640
Gene Symbol	INSL3
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: EMREKLCGHHFVRALVRVCGGPRWSTEARRPATGGDRELLQWLERRHLLHG LVADSNLTLGPGQLPLPQTSHHHRHHRAAATNPARYCCLSGCTQQDLLTLCPY

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 30174296), Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

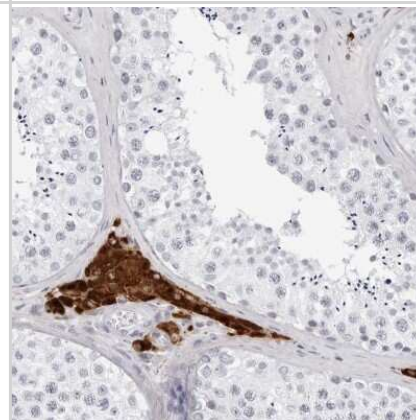


Images

Immunohistochemistry-Paraffin: INSL3 Antibody [NBP1-81223] - Staining in human testis and endometrium tissues using anti-INSL3 antibody. Corresponding INSL3 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: INSL3 Antibody [NBP1-81223] - Staining of human testis shows high expression.



Publications

Daoyuan Huang, Yuesheng Zuo, Chen Zhang, Guoqiang Sun, Ying Jing, Jinghui Lei, Shuai Ma, Shuhui Sun, Huifen Lu, Yusheng Cai, Weiqi Zhang, Fei Gao, Andy Peng Xiang, Juan Carlos Izpisua Belmonte, Guang-Hui Liu, Jing Qu, Si Wang A single-nucleus transcriptomic atlas of primate testicular aging reveals exhaustion of the spermatogonial stem cell reservoir and loss of Sertoli cell homeostasis Protein & Cell 2023-12-01 [PMID: 36929025]

Massimo Alfano, Anna Sofia Tascini, Filippo Pederzoli, Irene Locatelli, Manuela Nebuloni, Francesca Giannese, Jose Manuel Garcia-Manteiga, Giovanni Tonon, Giada Amodio, Silvia Gregori, Alessandra Agresti, Francesco Montorsi, Andrea Salonia Aging, inflammation and DNA damage in the somatic testicular niche with idiopathic germ cell aplasia Nature Communications 2021-09-01 [PMID: 34471128]

Song K, Yang X, An G et al. Targeting APLN/APJ restores blood-testis barrier and improves spermatogenesis in murine and human diabetic models Nature communications 2022-11-28 [PMID: 36443325] (IF/IHC, Human)

Huang D, Zuo Y, Zhang C et al. A single-nucleus transcriptomic atlas of primate testicular aging reveals exhaustion of the spermatogonial stem cell reservoir and loss of Sertoli cell homeostasis Protein & Cell 2022-11-18 (IHC-P, Cynomolgus Monkey)

Details:

testicular tissues dilution used 1:500

Wang M, Liu X, Chang G et al. Single-Cell RNA Sequencing Analysis Reveals Sequential Cell Fate Transition during Human Spermatogenesis. Cell Stem Cell 2018-08-24 [PMID: 30174296] (ICC/IF, Human)

Lardone MC, Argandona F, Florez M et al. Overexpression of CYP19A1 aromatase in Leydig cells is associated with steroidogenic dysfunction in subjects with Sertoli cell-only syndrome. Andrology 2017-01-01 [PMID: 27769104]

Marie Berg Nygaard, Kristian Almstrup, Louise Lindbaek et al. Cell context-specific expression of primary cilia in the human testis and ciliary coordination of Hedgehog signalling in mouse Leydig cells. Scientific Reports 2015-01-01 [PMID: 25992706] (ICC/IF, Human)

Djureinovic D, Fagerberg L, Hallstrom B et al. The human testis-specific proteome defined by transcriptomics and antibody-based profiling. Mol Hum Reprod 2014-06-01 [PMID: 24598113]





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Products Related to NBP1-81223

NBP1-81223PEP	INSL3 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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