

INSL3 Rabbit pAb

CatalogNo: YT5910

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse,

Applications

- IHC,IF,ELISA

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:50-200

ELISA 1:10000-20000

IF 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthetic peptide from human protein at AA range: 10-50

Specificity The antibody detects endogenous INSL3

Target Information

Gene name INSL3 RLF RLNL

Protein Name Insulin-like 3 (Leydig insulin-like peptide) (Ley-I-L) (Relaxin-like factor) [Cleaved into: Insulin-like 3 B chain; Insulin-like 3 A chain]

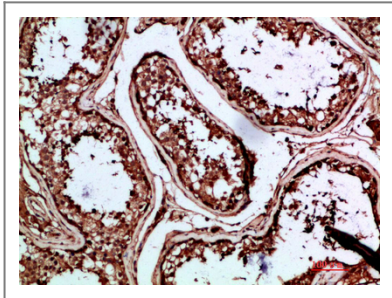
Organism	Gene ID	UniProt ID
Human	3640 ;	P51460 ;
Mouse		O09107 ;

Cellular Localization Secreted.

Tissue specificity Expressed in prenatal and postnatal Leydig cells. Found as well in the corpus luteum, trophoblast, fetal membranes and breast.

Function Disease:Defects in INSL3 seems to be a cause of cryptorchidism [MIM:219050]; also known as impaired testicular descent. It is one of the most frequent congenital abnormalities in humans, involving 2-5% of male births. Cryptorchidism is associated with increased risk of infertility and testicular cancer. The frequency of INSL3 gene mutations as a cause of cryptorchidism is low.,Function:Seems to play a role in testicular function. May be a trophic hormone with a role in testicular descent in fetal life. Is a ligand for LGR8 receptor.,similarity:Belongs to the insulin family.,subunit:Heterodimer of a B chain and an A chain linked by two disulfide bonds.,tissue specificity:Expressed in prenatal and postnatal Leydig cells. Found as well in the corpus luteum, trophoblast, fetal membranes and breast.,

Validation Data



Immunohistochemical analysis of paraffin-embedded human-testis, antibody was diluted at 1:200

Contact information

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