

INSL3 polyclonal antibody

Catalog: BS7819

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Insulin-like factor 3 (INSL3), also designated Leydig insulin-like peptide (Ley IL) and Relaxin-like factor (RLF), is a peptide hormone in the Relaxin family which is secreted from the testicular Leydig cells and ovarian theca interna cells. INSL3 is involved in gonadal and other physiological processes. Structurally similar to Relaxin and insulin, INSL3 differs from the two in that it signals through a G protein-coupled receptor, LGR8. INSL3/LGR8 signaling is involved in gubernaculum development and transabdominal testicular descent during development. Abnormal INSL3 production or action by the fetal testis causes cryptorchidism, a developmental defect of the urogenital tract in human males wherein the testis do not descend into the scrotum during embryonic development. Infertility and the development of germ-cell tumors are two potential risks for individuals with cryptorchidism.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 15 kDa

Swiss-Prot:

P51460

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC-P 1:50 - 1:100

IF/ICC 1:50 - 1:100

ELISA 1:5000 - 1:10000

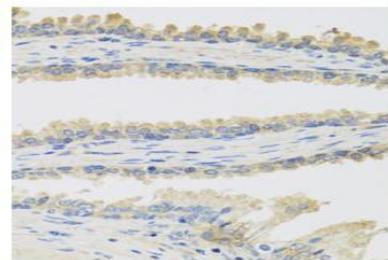
Storage&Stability:

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

Specificity:

INSL3 polyclonal antibody detects endogenous levels of INSL3 protein.

DATA:



Immunohistochemistry analysis of paraffinembedded Human prostate using INSL3 pAb at dilution of 1:100 (40xlens).

Note:

For research use only, not for use in diagnostic procedure.

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