

Insulin-like 3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251865

Unit: 0.1 mg

Description:

Insulin-like 3 plays a role in testicular function. Insulin-like 3 is a trophic hormone with a role in testicular descent in fetal life. Insulin-like 3 is a ligand for LGR8 receptor. Insulin-like 3 is a heterodimer of a B chain and an A chain linked by two disulfide bonds. Defects in insulin-like 3 are a cause of cryptorchidism (CRYPTO), also known as impaired testicular descent. CRYPTO is one of the most frequent congenital abnormalities in humans, involving 2-5% of male births. CRYPTO is associated with increased risk of infertility and testicular cancer.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, R, M

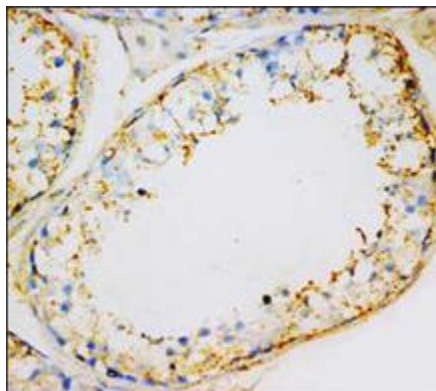
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 5% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Insulin-like 3; Leydig insulin-like peptide; Ley-I-L; Relaxin-like factor; INSL3; RLF; RLNL

Accession No.: P51460

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human insulin-like 3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



Insulin-like 3 staining in human testicle. Paraffin-embedded human testicle is stained with Insulin-like 3 Antibody (Cat. No. 251865) used at 1:200 dilution

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.