bs-0984R **[Primary Antibody]**

LHR Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: LHR

Immunogen: KLH conjugated synthetic peptide derived from mouse CG Receptor: 501-600/700.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the receptor for both luteinizing hormone and choriogonadotropin. This receptor belongs to the G-protein coupled receptor 1 family, and its activity is mediated by G proteins which activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexual character development, including familial male precocious puberty, also known as testotoxicosis, hypogonadotropic hypogonadism, Leydig cell adenoma with precocious puberty, and male pseudohermaphtoditism with Leydig cell hypoplasia. [provided by RefSeq]

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
ELISA (1:5000-10000)

Reactivity: (predicted: Mouse, Rat)

Predicted MW.: 76 kDa

Subcellular Location: Cell membrane

SELECTED CITATIONS

- **[IF=6.71]** Umehara, Takashi, et al. "The acceleration of reproductive aging in Nrg1flox/flox; Cyp19 - Cre female mice." Aging Cell (2017). IHC ;="Mouse". 28857490
- **[IF=6]** Daniel R. Pfau. et al.Short and long duration testosterone treatments induce reversable subfertility in female mice using a gestational model of gender-affirming hormone therapy.human reproduction.2025 Feb 11:deaf016. IHC ;Mouse. 39935255
- **[IF=4.161]** Kinnear Hadrian M. et al. Presence of ovarian stromal aberrations after cessation of testosterone therapy in a transgender mouse model. BIOL REPROD. 2023 Feb;: IHC ;Mouse. 36790125