# **Product Name: LSHR Rabbit Polyclonal Antibody**

Catalog #: APRab13459



# **Summary**

Production Name LSHR Rabbit Polyclonal Antibody

**Description** Rabbit Polyclonal Antibody

Host Rabbit
Application WB

**Reactivity** Human, Mouse, Rat

# **Performance**

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

### **Immunogen**

Gene Name LHCGR LCGR LGR2 LHRHR

Lutropin-choriogonadotropic hormone receptor (LH/CG-R) (Luteinizing hormone Alternative Names

receptor) (LHR) (LSH-R)

**Gene ID** 3973.0

SwissProt ID P22888.Synthesized peptide derived from human LSHR Polyclonal

## **Application**

**Dilution Ratio** WB 1:500-2000, ELISA 1:10000-20000

Molecular Weight 80kD

# **Background**

This gene encodes the receptor for both luteinizing hormone and choriogonadotropin. This receptor belongs to the G-

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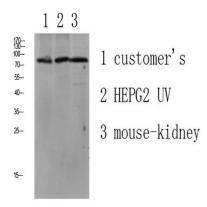


protein coupled receptor 1 family, and its activity is mediated by G proteins which activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexual character development, including familial male precocious puberty, also known as testotoxicosis, hypogonadotropic hypogonadism, Leydig cell adenoma with precocious puberty, and male pseudohermaphtoditism with Leydig cell hypoplasia. [provided by RefSeq, Jul 2008], alternative products: Additional isoforms seem to exist, disease: Defects in LHCGR are a cause of familial male precocious puberty (FMPP) [MIM:176410]; also known as testotoxicosis. In FMPP the receptor is constitutively activated., disease: Defects in LHCGR are a cause of Leydig cell hypoplasia (LCH) [MIM:152790]. LCH is an autosomal recessive disease characterized by male pseudohermaphroditism. In LCH the testes are small with marked immaturity of the Leydig cells which correlates with undetectable plasma testosterone levels and elevated gonadotropins., function: Receptor for lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase., online information: Glycoprotein-hormone Receptors Information System, similarity: Belongs to the G-protein coupled receptor 1 family., similarity: Belongs to the G-protein coupled receptor 1 family. FSH/LSH/TSH subfamily., similarity: Contains 7 LRR (leucine-rich) repeats., tissue specificity: Gonadal and thyroid cells.,

#### **Research Area**

Calcium; Neuroactive ligand-receptor interaction;

## **Image Data**



Western blot analysis of various lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

#### Note

For research use only.