

### **LHCGR Antibody**

Purified Mouse Monoclonal Antibody Catalog # AO2014a

## **Specification**

## **LHCGR Antibody - Product Information**

Application WB, FC, ICC, E

Primary Accession
Reactivity
Host
Clonality
Isotype
Reactivity
Human
Mouse
Monoclonal
IgG1

Calculated MW 78.6kDa KDa

**Description** 

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.

#### **Immunogen**

LHR-29 from ATCC

# **Formulation**

Purified antibody in PBS with 0.05% sodium azide

## **LHCGR Antibody - Additional Information**

**Gene ID 3973** 

### **Other Names**

Lutropin-choriogonadotropic hormone receptor, LH/CG-R, Luteinizing hormone receptor, LHR, LSH-R, LHCGR, LCGR, LGR2, LHRHR

## **Dilution**

WB~~1/500 - 1/2000 FC~~1/200 - 1/400 ICC~~N/A E~~1/10000

# **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

#### **Precautions**

LHCGR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.



# **LHCGR Antibody - Protein Information**

### Name LHCGR

Synonyms LCGR, LGR2, LHRHR

### **Function**

Receptor for lutropin-choriogonadotropic hormone (PubMed:<a href="http://www.uniprot.org/citations/11847099" target="\_blank">11847099</a>). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:<a href="http://www.uniprot.org/citations/11847099" target=" blank">11847099</a>).

#### **Cellular Location**

Cell membrane; Multi-pass membrane protein

### **Tissue Location**

Gonadal and thyroid cells.

## **LHCGR Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture