

LHCGR Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO2014a**Specification****LHCGR Antibody - Product Information**

Application	E, WB, IF, FC
Primary Accession	P22888
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	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 pseudohermaphroditism 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

E~~1/10000
WB~~1/500 - 1/2000
IF~~1/200 - 1/1000
FC~~1/200 - 1/400

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:11847099). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:11847099).

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](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)