

A6266

Leader in Biomolecular Solutions for Life Science



LHCGR Rabbit pAb

Catalog No.: A6266

5 Publications

Basic Information

Observed MW

85kDa

Calculated MW

79kDa

Category

Polyclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

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 pseudohermaphroditism with Leydig cell hypoplasia.

Recommended Dilutions

WB 1:100 - 1:500

IF/ICC 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3973

Swiss Prot

P22888

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

HHG; LHR; LCGR; LGR2; ULG5; LHRHR; LSH-R; LH/CGR; LH/CG-R; LHCGR

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

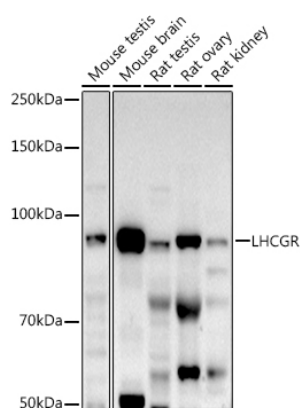
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using LHCGR Rabbit pAb (A6266) at 1:500 dilution.

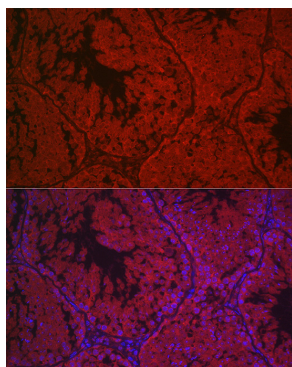
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Enhanced Kit (RM00021).

Exposure time: 90s.



Immunofluorescence analysis of paraffin-embedded mouse testis using LHCGR Rabbit pAb (A6266) at dilution of 1:500 (40x lens).

Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.