

# LHCGR Rabbit Polyclonal Antibody



CAB6266

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

70-78kDa

### Calculated MW:

71kDa/78kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:200 - 1:2000 IF 1:50 - 1:200

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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.

## Immunogen information

### Gene ID:

3973

### Uniprot

P22888

### Synonyms:

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

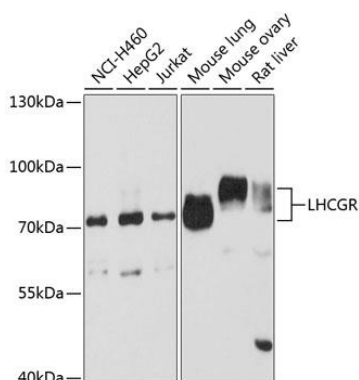
### Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 200-360 of human LHCGR (NP\_000224.2).

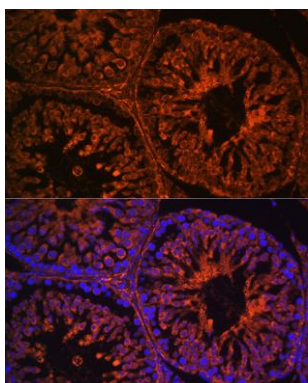
### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

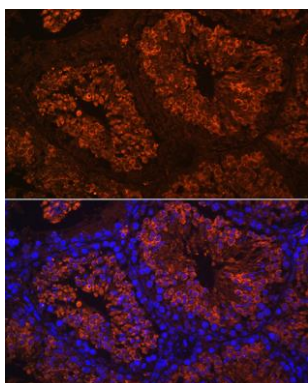
## Product Images



Western blot analysis of extracts of various cell lines, using LHCGR antibody (CAB6266) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunofluorescence analysis of rat testis using LHCGR Rabbit pAb (CAB6266) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse testis using LHCGR Rabbit pAb (CAB6266) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.