

## ARG10600 anti-hCG Receptor / LH Receptor antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes hCG Receptor / LH Receptor
Tested Reactivity	Hu, Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	hCG Receptor / LH Receptor
Species	Human
Immunogen	Synthetic peptide from the N-terminus of hCG Receptor / LH Receptor. (YLSICNTGIRKFPDVTK)
Conjugation	Un-conjugated
Alternate Names	LCGR; Luteinizing hormone receptor; Lutropin-choriogonadotropic hormone receptor; LH/CGR; LGR2; LHRHR; ULG5; HHG; LHR; LSH-R; LH/CG-R

### Application Instructions

Application table	Application	Dilution
	IHC-P	0.5 - 1 µg/ml
	WB	0.5 - 1 µg/ml

Application Note: Antigen Retrieval for IHC-P: steamed with pH6 citrate buffer.

\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.025% Sodium azide and 2.5% BSA.
Preservative	0.025% Sodium azide
Stabilizer	2.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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### Database links

[GeneID: 25477 Rat](#)

[GeneID: 3973 Human](#)

[Swiss-port # P16235 Rat](#)

[Swiss-port # P22888 Human](#)

### Gene Symbol

LHCGR

### Gene Full Name

luteinizing hormone/choriogonadotropin receptor

### 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. [provided by RefSeq, Jul 2008]

### Function

Receptor for lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. [UniProt]

### Calculated Mw

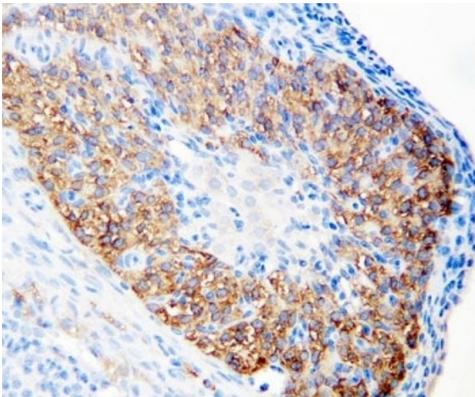
79 kDa

### PTM

Sulfated.

## Images

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ARG10600 anti-hCG Receptor antibody IHC-P image

Immunohistochemistry: Rat ovary tissue stained with ARG10600 anti-hCG Receptor antibody.



ARG10600 anti-hCG Receptor antibody WB image

Western blot: MCF-7 cell lysate stained with ARG10600 anti-hCG Receptor antibody.