

Nur für Forschungszwecke

# LHCGR Polyklonaler Antikörper

Katalog-Nr.: 19968-1-AP

18 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 19968-1-AP	<b>GenBank-Zugangsnummer:</b> NM_000233	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul, Konzentration: 900 µg/ml von Nanodrop und 433 µg/ml durch die Bradford-Methode mit BSA als Standard;	<b>GeneID (NCBI):</b> 3973	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:3000 IP 0.5-4.0 ug für IP und 1:150-1:600 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> LHCGR	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 79 kDa	
	<b>Beobachtete Masse:</b> 90-100 kDa	

## Anwendungen

<b>Gepriüfte Anwendungen:</b> FC, IP, WB, ELISA	<b>Positivkontrollen:</b>
<b>In Publikationen genannte Anwendungen:</b> IHC, WB	<b>WB:</b> ungekochtes Maushodengewebe, Maus- Eierstockgewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	<b>IP:</b> Maushodengewebe,
<b>Zitierte Arten:</b> Human, Maus, Ratte	

## Hintergrundinformationen

Lutropin-choriogonadotropic hormone receptor (LHCGR, also known as LHR or LSHR) belongs to the rhodopsin-like family of G protein-coupled receptors (GPCRs) and plays a crucial role in the regulation of gonadal functions by stimulating steroidogenesis in response to luteinizing hormone (LH) or hCG (PMID: 15866423). Mutations in LHCGR gene result in familial male-limited precocious puberty, Leydig cell hypoplasia, and empty follicle syndrome (PMID: 30711030). LHCGR protein consists of 699 amino acids with a calculated molecular weight of 79 kDa. Due to massive glycosylation, the molecular mass of the mature LHCGR is higher (85-100 kDa) than the predicted molecular protein mass of 79 kDa (PMID: 23686864; 15866423; 29075189; 15969756).

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yu-Meng Wang	34697294	Cell Death Dis	WB
Huilan Wang	36202220	Gen Comp Endocrinol	WB
Yu Su	34039393	Nutr Metab (Lond)	WB, IHC

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

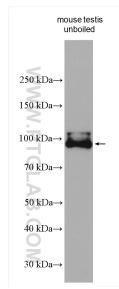
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

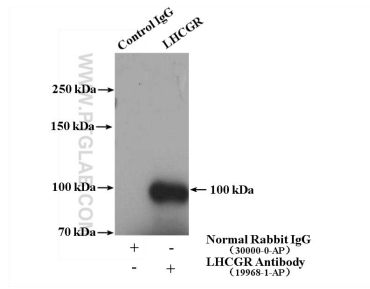
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

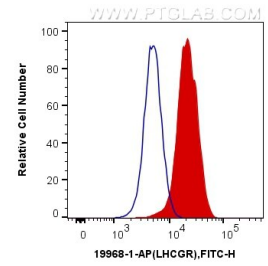
## Ausgewählte Validierungsdaten



Unboiled mouse testis tissue was subjected to SDS PAGE followed by western blot with 19968-1-AP (LHCGR antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP Result of anti-LHCGR (IP:19968-1-AP, 4ug; Detection:19968-1-AP 1:300) with mouse testis tissue lysate 4000ug.



1X10<sup>6</sup> Jurkat cells were intracellularly stained with 0.4 ug Anti-Human LHCGR (19968-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug x. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).