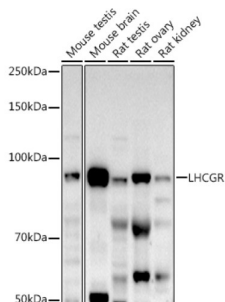
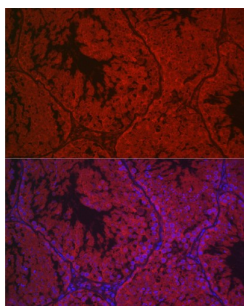


Luteinizing Hormone/Choriogonadotropin Receptor (LHCGR) Antibody

Catalogue No.: abx004786



Western blot analysis of various lysates using LHCGR Antibody at 1/500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



Immunofluorescence analysis of paraffin-embedded mouse testis using LHCGR Antibody at dilution of 1/500 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1/500 dilution. Blue: DAPI for nuclear staining.

LHCGR Antibody is a Rabbit Polyclonal antibody against LHCGR. 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.

Target: Luteinizing Hormone/Choriogonadotropin Receptor (LHCGR)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IF/ICC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/100 - 1/500, IF/ICC: 1/100 - 1/500. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 200-360 of human LHCGR.

Isotype: IgG

Datasheet

Version: 2.0.0
Revision date: 03 Jun 2025



Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P22888 (UniProt , ExPASy)
Gene Symbol:	LHCGR
GeneID:	3973
NCBI Accession:	NP_000224.2
KEGG:	hsa:3973
String:	9606.ENSP00000294954
Molecular Weight:	Calculated MW: 79 kDa Observed MW: 85 kDa
Buffer:	PBS, pH 7.3, containing 0.05% Proclin-300, 50% glycerol.
Concentration:	> 0.2 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.