

MaxPab®

LHCGR purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003973-B01P

Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human LHCGR protein.
Immunogen	LHCGR (AAI56304.1, 1 a.a. ~ 699 a.a) full-length human protein.
Sequence	MKQRFSA LQLL KLLLL QPPLPRALREALCPEPCNCVDPD GALRC PGPTAGLTRL SLAYLPVKVIPS QAFRGLNEVIKIEISQIDSLERIEANAFDNLNLSEILQNTKNLRYIEPGAFINLPRLKYLSICNTGIRKFP DVTKVFSSES NFIEICDNLHITIPGNAFQGMNNE SVTLKLYGNGFEEVQSHAFNGTTLSLELKE NVHLEKMHNGAFRGATGPKTLDISSTKLQALPSYGLESIQRLIATSSYS LKKLPSRETFVN LLEATLT YPSHCCAFRNLP TKEQNF SHSISENFSKQCESTVRKVNNKTL YSSMLAESEL SGWDY EYGFCLP KTPRCAPEPD AFNPCE DIMGYDFLRVLWLINILAIMGNMTVLFVLLTSRYKLTVP RFLMCNLSFADF CMGLYLLLIASVDSQTKGQYNNHAIDWQTGSGCSTAGFFT VFASELSVYTLTVITLERWHTITYAIHL DQKLRLRHAILIMLGGWLFSSLIAMLP LVGVSNYMKV SICFPM DVETTL SQVYIL TILINVVAF FICA CYKIYFAVRNPELMATNKD TKIAKKMAILFTDFTCMAPISFFAISA AFKVPLITV TNSKVLLVLFYPIN SCANPFLYAIFTKTFQRDFFLLLSKFGCCKRRAEL YRRKDFSAYTSNCKNGFTGSNKPSQSTLKL S TLHCQGTALLDKTRYTEC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (84); Rat (88)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — LHCGR

Entrez GeneID [3973](#)

GeneBank Accession# [BC156303.1](#)

Protein Accession# [AA156304.1](#)

Gene Name LHCGR

Gene Alias FLJ41504, LCGR, LGR2, LH/CG-R, LH/CGR, LHR, LHRHR, LSH-R

Gene Description luteinizing hormone/choriogonadotropin receptor

Omim ID [152790](#) [176410](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the receptor for both luteinizing hormone and choriogonadotropin. This recept or belongs to the G-protein coupled receptor 1 family, and its activity is mediated by G proteins w hich activate adenylate cyclase. Mutations in this gene result in disorders of male secondary sexu al character development, including familial male precocious puberty, also known as testotoxicosi s, hypogonadotropic hypogonadism, Leydig cell adenoma with precocious puberty, and male pse udohermaphtoditism with Leydig cell hypoplasia. [provided by RefSeq

Other Designations luteinising hormone-choriogonadotropin receptor|lutropin/choriogonadotropin receptor

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Cardiovascular Diseases](#)
- [Cryptorchidism](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Hyperandrogenism](#)
- [Hyperparathyroidism](#)
- [Iatrogenic Disease](#)
- [Infertility](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Hyperstimulation Syndrome](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)