产品名称：LHR Rabbit Polyclonal Antibody
产品货号：APRab13295

产品概述（Summary）

产品名称（Production Name）	LHR Rabbit Polyclonal Antibody
描述（Description）	Rabbit polyclonal Antibody
宿主（Host）	Rabbit
应用（Application）	WB,IHC,ELISA
种属反应性（Reactivity）	Human,Mouse,Rat

产品性能（Performance）

偶联物（Conjugation）	Unconjugated
修饰（Modification）	Unmodified
同种型（Isotype）	IgG
克隆（Clonality）	Polyclonal
形式（Form）	Liquid
存放说明（Storage）	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液（Buffer）	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式（Purification）	Affinity purification

免疫原信息（Immunogen）

基因名（Gene Name）	LHCGR
别名（Alternative Names）	LHCGR; LCGR; LGR2; LHRHR; Lutropin-choriogonadotropic hormone receptor; LH/CG-R; Luteinizing hormone receptor; LHR; LSH-R
基因 ID（Gene ID）	3973.0
蛋白 ID（SwissProt ID）	P22888.The antiserum was produced against synthesized peptide derived from human LSHR. AA range:621-670

产品应用（Application）

稀释比（Dilution Ratio）	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量（Molecular Weight）	80kDa

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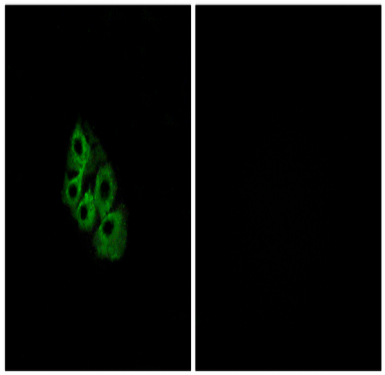
研究背景（Background）

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 pseudohermaphtoditism with Leydig cell hypoplasia. [provided by RefSeq, Jul 2008],alternative products:Additional isoforms seem to exist,disease:Defects in LHCGR are a cause of familial male precocious puberty (FMPP) [MIM:176410]; also known as testotoxicosis. In FMPP the receptor is constitutively activated.,disease:Defects in LHCGR are a cause of Leydig cell hypoplasia (LCH) [MIM:152790]. LCH is an autosomal recessive disease characterized by male pseudohermaphroditism. In LCH the testes are small with marked immaturity of the Leydig cells which correlates with undetectable plasma testosterone levels and elevated gonadotropins.,function:Receptor for lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.,online information:Glycoprotein-hormone Receptors Information System,similarity:Belongs to the G-protein coupled receptor 1 family.,similarity:Belongs to the G-protein coupled receptor 1 family. FSH/LSH/TSH subfamily.,similarity:Contains 7 LRR (leucine-rich) repeats.,tissue specificity:Gonadal and thyroid cells.,

研究领域（Research Area）

Calcium;Neuroactive ligand-receptor interaction;

图片（Image Data）



Immunofluorescence analysis of A549 cells, using LSHR Antibody. The picture on the right is blocked with the synthesized peptide.

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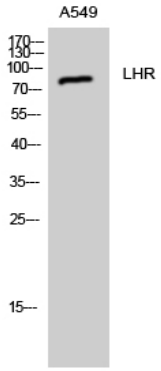

Western Blot analysis of A549 cells using LHR Polyclonal Antibody

注意事项（Note）

For research use only .