

Rabbit LHCGR / LHR / LH Receptor Polyclonal Antibody | anti-LHCGR antibody

Rabbit Polyclonal to Human LHCGR / LHR / LH Receptor

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51475	Rabbit	Reactivity: Human Predicted Reactivity: Monkey, Rat, Dog	Immunohistochemistry

PRODUCT SYNONYMS

LHCGR / LHR / LH Receptor; Polyclonal Antibody; Rabbit Polyclonal to Human LHCGR / LHR / LH Receptor; Anti-LHCGR / LHR / LH Receptor Antibody (C-Terminus) IHC-plus; LHCGR; HCG receptor; HHG; LCGR; LH/CGR; LHR; LH receptor; LHRHR; Lutropin receptor; LGR2; LH/CG-R; LSH-R; ULG5; Luteinizing hormone receptor; Human LHCGR; LH Receptor; anti-LHCGR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reactivity: Human Predicted Reactivity: Monkey, Rat, Dog
Clonality	Polyclonal
Specificity	Human hCG receptor. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	699
Applicable Applications for anti-LHCGR antibody	IHC (Immunohistochemistry)
Target Species	Human
Target	LHCGR/LHR/LH Receptor
Immunogen Description	Synthetic 19 amino acid peptide from C-terminus of human hCG receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset, Rat, Dog, Panda (95%); Bovine, Bat, Rabbit, Horse (89%); Ferret (84%).
Immunogen Type	Synthetic peptide
Immunogen	LHCGR / LHR / LH Receptor antibody was raised against synthetic 19 amino acid peptide from C-terminus of human hCG receptor. Percent identity with other species by BLAST analysis: Human, Gorilla, Gibbon (100%); Monkey, Marmoset, Rat, Dog, Panda (95%); Bovine, Bat, Rabbit, Horse (89%); Ferret (84%).
Antigen Modification	C-Terminus
Preparation and Storage	Upon arrival: Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-hCG receptor antibody IHC of human ovary, corpus luteum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LHCGR / LHR / LH Receptor antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-LHCGR / LHR / LH Receptor antibody IHC of human Ovary, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-LHCGR antibody	LHCGR is a Glycoprotein Hormone Receptor for both luteinizing hormone and choriogonadotropin. It is expressed in the reproductive organs of both males and females. In males, the luteinizing hormone/choriogonadotropin receptor is involved in the development and function of Leydig cells. Mutations in this gonadotropin receptor can result in disorders of male secondary sexual character development, such as familial male precocious puberty and male pseudohermaphroditism, or lead to adenomas of the testis. In females, inactivating mutations of LHCGR cause hypergonadotrophic hypogonadism with primary amenorrhea or oligomenorrhea, cystic ovaries, and infertility. LHCGR has many alternatively spliced isoforms that affect where this gene is expressed.
Product Categories/Family for anti-LHCGR antibody	Family: GPCR; Subfamily: Glycoprotein hormone

NCBI AND UNIPROT INFORMATION

NCBI GI #	106067657
NCBI GeneID	3973
NCBI Accession #	NP_000224.2
NCBI GenBank Nucleotide #	NM_000233.3
UniProt Accession #	P22888; Q14751; Q15996; Q9UEW9
NCBI Official Full Name	lutropin-choriogonadotropic hormone receptor
NCBI Official Synonym Full Names	luteinizing hormone/choriogonadotropin receptor
NCBI Official Symbol	LHCGR
NCBI Official Synonym Symbols	HHG; LHR; LCGR; LGR2; ULG5; LHRHR; LSH-R; LH/CGR; LH/CG-R
NCBI Protein Information	lutropin-choriogonadotropic hormone receptor; hypergonadotrophic hypogonadism; lutropin/choriogonadotropin receptor
UniProt Protein Name	Lutropin-choriogonadotropic hormone receptor
UniProt Gene Name	LHCGR
UniProt Synonym Gene Names	LCGR; LGR2; LHRHR; LH/CG-R; LHR; LSH-R
UniProt Entry Name	LSHR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/lhcgr-lhr-lh-receptor-antibody-immunohistochemistry-elisa/51475>