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LHCGR Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO2014a

Product Information

Application	WB, FC, ICC, E
Primary Accession	P22888
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	8G9A2
Isotype	IgG1
Calculated MW	78643
Description	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.
Immunogen	LHR-29 from ATCC
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	3973
Other Names	Lutropin-choriogonadotropic hormone receptor, LH/CG-R, Luteinizing hormone receptor, LHR, LSH-R, LHCGR, LCGR, LGR2, LHRHR
Dilution	WB~~1/500 - 1/2000 FC~~1/200 - 1/400 ICC~~N/A E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LHCGR Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LHCGR

Synonyms	LCGR, LGR2, LHRHR
Function	Receptor for lutropin-choriogonadotropic hormone (PubMed: 11847099). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed:11847099).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Gonadal and thyroid cells.

References

Cancer Res. 57: 857-864, 1997 Reprod Biol Endocrinol. 2011 May 15;9:64.

Images

