

Anti-LH Receptor Antibody

Catalog # AP95926

Product Information

Application	WB, FC, IF/IC
Primary Accession	P22888
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	78643

Additional Information

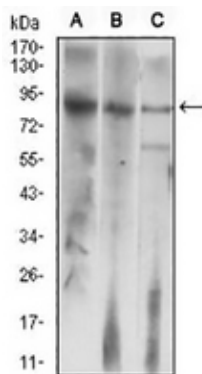
Gene ID	3973
Other Names	LCGR; LGR2; LHRHR; Lutropin-choriogonadotropin receptor; LH/CG-R; Luteinizing hormone receptor; LHR; LSH-R
Target/Specificity	Recombinant fusion protein of human LH Receptor expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200) IF/IC~~N/A
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C. Stable for 12 months from date of receipt

Protein Information

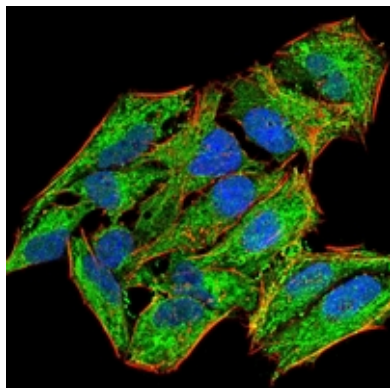
Name	LHCGR
Synonyms	LCGR, LGR2, LHRHR
Function	Receptor for lutropin-choriogonadotropic hormone (PubMed: 11847099). The activity of this receptor is mediated by G proteins which activate adenylate cyclase (PubMed: 11847099).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location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

Images

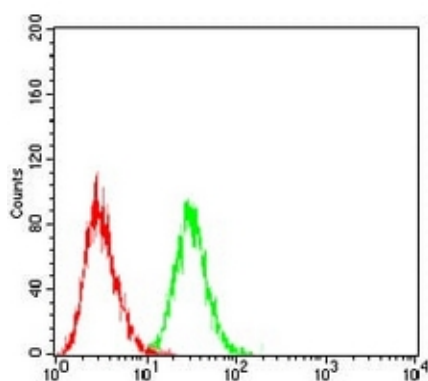
Western blot analysis of LH Receptor expression in HepG2 (A), Jurkat (B), SMMC7721 (C) whole cell lysates.



(Predicted band size: 79 kD; Observed band size: 80 kD)



Immunofluorescent analysis of LH Receptor staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



Flow cytometric analysis of Jurkat cells using Anti-LH Receptor Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.