

FSHR Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51214

Product Information

Application	WB
Primary Accession	P23945
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78238

Additional Information

Gene ID	2492
Other Names	Follicle-stimulating hormone receptor, FSH-R, Follitropin receptor, FSHR, LGR1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FSHR. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	FSHR
Synonyms	LGR1
Function	G protein-coupled receptor for follitropin, the follicle- stimulating hormone (PubMed: 11847099 , PubMed: 24058690 , PubMed: 24692546). Through cAMP production activates the downstream PI3K-AKT and ERK1/ERK2 signaling pathways (PubMed: 24058690).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Sertoli cells and ovarian granulosa cells.

Background

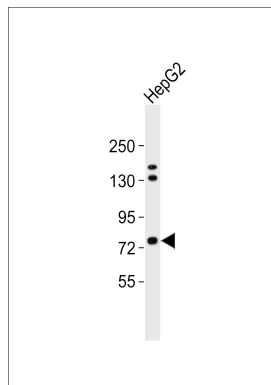
Receptor for follicle-stimulating hormone. The activity of this receptor is mediated by G proteins which

activate adenylate cyclase.

References

Minegishi T., et al. *Biochem. Biophys. Res. Commun.* 175:1125-1130(1991).
Tilly J.L., et al. *Endocrinology* 131:799-806(1992).
Kelton C.A., et al. *Mol. Cell. Endocrinol.* 89:141-151(1992).
Liu X., et al. Submitted (MAY-2011) to the EMBL/GenBank/DDBJ databases.
Kopatz S.A., et al. Submitted (OCT-2003) to the EMBL/GenBank/DDBJ databases.

Images



Anti-FSHR Antibody at 1:1000 dilution + HepG2 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 78 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

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