

FSHR Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51214**Specification**

FSHR Antibody - Product Information

Application	WB
Primary Accession	P23945
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78, 75, 82 KDa
Antigen Region	261 - 320

FSHR Antibody - 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

FSHR Antibody - Protein Information**Name** FSHR**Synonyms** LGR1**Function**

G protein-coupled receptor for follitropin, the follicle-stimulating hormone (PubMed: [11847099](http://www.uniprot.org/citations/11847099), PubMed: [24058690](http://www.uniprot.org/citations/24058690), PubMed: [24692546](http://www.uniprot.org/citations/24692546)). Through cAMP production activates the downstream PI3K-AKT and ERK1/ERK2 signaling pathways (PubMed: [24058690](http://www.uniprot.org/citations/24058690)).

Cellular Location

Cell membrane; Multi-pass membrane protein

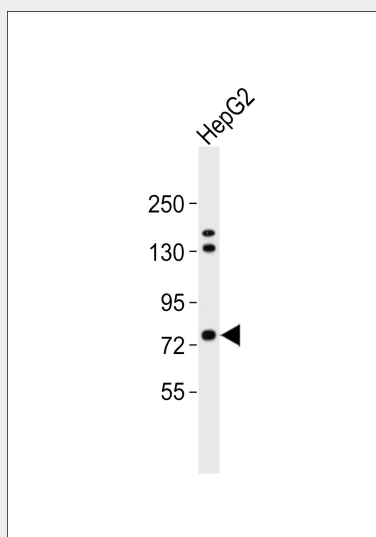
Tissue Location

Sertoli cells and ovarian granulosa cells.

FSHR Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FSHR Antibody - 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.

FSHR Antibody - Background

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

FSHR Antibody - References

Minegish 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.

