

**FSHR Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51215****Specification**

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**FSHR Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB, E                  |
| Primary Accession | <a href="#">P23945</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 75 KDa                 |

**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

E~~N/A

**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:<a href="http://www.uniprot.org/citations/11847099" target="\_blank">11847099</a>, PubMed:<a href="http://www.uniprot.org/citations/24058690" target="\_blank">24058690</a>, PubMed:<a href="http://www.uniprot.org/citations/24692546" target="\_blank">24692546</a>). Through cAMP production activates the downstream PI3K-AKT and ERK1/ERK2 signaling pathways (PubMed:<a href="http://www.uniprot.org/citations/24058690" target="\_blank">24058690</a>).

**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****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.