

FSH Receptor / FSHR Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10533**Specification**

FSH Receptor / FSHR Antibody (N-Terminus) - Product Information

Application	IHC-P
Primary Accession	P23945
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78kDa KDa
Dilution	IHC-P~~N/A

FSH Receptor / FSHR Antibody (N-Terminus) - Additional Information**Gene ID** 2492**Other Names**

Follicle-stimulating hormone receptor, FSH-R, Follitropin receptor, FSHR, LGR1

Target/Specificity

Human FSHR. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

FSH Receptor / FSHR Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

FSH Receptor / FSHR Antibody (N-Terminus) - 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.

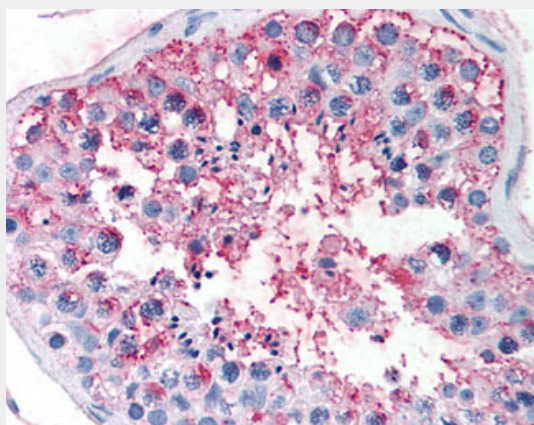
Volume

50 µl

FSH Receptor / FSHR Antibody (N-Terminus) - 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](#)

FSH Receptor / FSHR Antibody (N-Terminus) - Images

Anti-FSHR antibody ALS10533 IHC of human testis.

FSH Receptor / FSHR Antibody (N-Terminus) - Background

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

FSH Receptor / FSHR Antibody (N-Terminus) - 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.