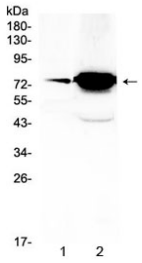
# FSHR Antibody (R32702)

| Catalog No. | Formulation | Size |
|---|---|---|
| R32702 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose, 0.025% sodium azide |
| **UniProt** | P23945 |
| **Applications** | WB: 0.5-1ug/ml |
| **Limitations** | This FSHR antibody is available for research use only. |




Western blot testing of 1) mouse ovary and 2) human HeLa lysate with FSHR antibody at 0.5ug/ml. Predicted molecular weight ~78 kDa.

## Description

The follicle-stimulating hormone receptor or FSH receptor (FSHR) is a transmembrane receptor that interacts with the follicle-stimulating hormone (FSH) and represents a G protein-coupled receptor (GPCR). This FSHR gene is mapped to chromosome 2p21 by fluorescence in situ hybridization. The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Mutations in this gene cause ovarian dysgenesis type 1, and also ovarian hyperstimulation syndrome. Alternative splicing results in multiple transcript variants.

## Application Notes

Optimal dilution of the FSHR antibody should be determined by the researcher.

## Immunogen

Amino acids 414-438 (YLLLIASVDIHTKSQYHNYAIDWQT) from the human protein were used as the immunogen for the FSHR antibody.

## Storage

After reconstitution, the FSHR antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.


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