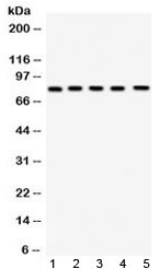
FSH Receptor Antibody / FSHR (R32533)

Catalog No.	Formulation	Size
R32533	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, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P23945
Applications	Western blot: 0.5-1ug/ml
Limitations	This FSH Receptor antibody is available for research use only.



Western blot testing of 1) rat testis, 2) rat ovary, 3) mouse testis, 4) mouse ovary and 5) human HeLa lysate with FSH Receptor antibody at 0.5ug/ml. Predicted/observed 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

Differences in protocols and secondary/substrate sensitivity may require the FSH Receptor antibody to be titrated for optimal performance.

Immunogen

Amino acids C18-N187 from the human protein were used as the immunogen for the FSH Receptor antibody.

Storage

After reconstitution, the FSH Receptor 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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