



Product Information Sheet

Polyclonal Anti - Follicle-stimulating hormone receptor, *FSHR* (Magnetic Bead conjugate)

Catalogue No. PA1035-M

Immunogen

A synthetic peptide corresponding to a sequence near the C-terminal of human FSHR, identical to the related rat sequence.

Lot No. 0101112043542

Ig type: rabbit IgG

Purity

Immunogen affinity purified.

Size: 100µl

Contents

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Specificity

Human, mouse, rat.

No cross reactivity with other proteins.

Storage

Store at 4°C for frequent use.

Recommended application

Immunoprecipitation(IP)

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation.

BACKGROUND

Follicle-stimulating hormone is essential for normal reproductive function in males and females. FSHR gene encodes a 695-amino acid predicted protein. Amino acid sequence similarity is high in comparison with the previously described rat gene, ranging from 82% in exon 9 to 100% in exon 3. Human FSH receptor is mapped to chromosome 2p21.

REFERENCE

1. Gromoll, J.; Ried, T.; Holtgreve-Grez, H.; Nieschlag, E.; Gudermann, T. : Localization of the human FSH receptor to chromosome 2p21 using a genomic probe comprising exon 10. J. Molec. Endocr. 12: 265-271, 1994.
2. Rousseau-Merck, M. F.; Atger, M.; Loosfelt, H.; Milgrom, E.; Berger, R. : The chromosomal localization of the human follicle-stimulating hormone receptor gene (FSHR) on 2p21-p16 is similar to that of the luteinizing hormone receptor gene. Genomics 15: 222-224, 1993.

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