



**Polyclonal Anti-Follicle-stimulating hormone receptor, *FSHR*  
(Sephacose Bead Conjugate)**

**Catalogue No.** PA1035-S

**Lot No.** 0101112043542

**Ig type:** rabbit

**IgG Size:** 100µg/vial

**Specificity**

Human, mouse, rat. No cross reactivity with other proteins.

**Recommended application**

*Immunoprecipitation (IP)*

**Immunogen**

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

**Purification**

Immunogen affinity purified.

**Formulation**

50% slurry in PBS pH 7.2 with 0.01mg NaN<sub>3</sub> preservative.

**Storage**

Store at 4 °C for frequent use.

**Description:**

This Antagene antibody is immobilized via covalent binding of primary amino groups to

**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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