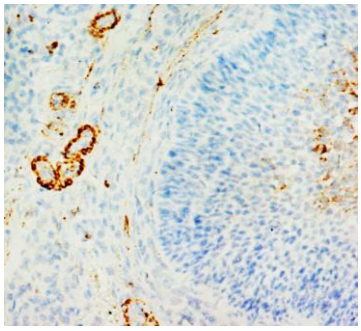
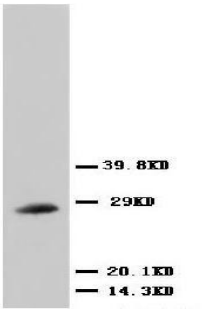
Product Information Sheet

Polyclonal Anti-Follicle-stimulating hormone receptor, ***FSHR***





Catalogue No. PA1035

Lot No. 0101112043542

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application

Western blot

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

email: Info@antageneinc.com

Immunogen

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

Purity

Immunogen affinity purified.

Application

Western blot

At 1-2µg/ml with the appropriate system to detect FSHR in cells and tissues.

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Contents

Each vial contains 50% glycerol, 0.9mg NaCl, 0.2mg Na_2HPO_4.

Reconstitution

1.2% sodium acetate or neutral PBS. If 0.5ml of PBS is used, the antibody concentration will be 100µg/ml.

Storage

At -20˚C for one year. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for longer time.

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.