FSHR polyclonal antibody

Catalog: BS5724 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Follicle-stimulating hormone receptor (FSHR) is a 695 amino acid G-protein coupled receptor. FSH binds to the receptor in a hand-clasp fashion via its α and β subunits. While the α subunit of FSH is involved in the binding of FSH to the receptor, the β subunit stabilizes this interaction. Linkage studies suggest that a missense mutation in the FSHR gene can cause reduced FSH binding affinity and lead to a condition known as hypergonadotropic ovarian dysgenesis (ODG). In males however, this mutation does not appear to have a detrimental affect on fertility. It is believed that a mutation in the FSHR gene is also associated with ovarian hyperstimulation syndrome; a condition characterized by the presence of multiple serous and hemorrhagic follicular cysts lined by luteinized cells.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.2.

Molecular Weight:

~ 78 kDa

Swiss-Prot:

P23945

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

ICC: 1:50~1:200

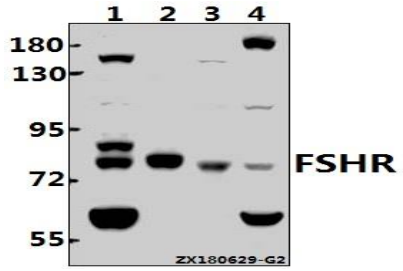
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

FSHR polyclonal antibody detects endogenous levels of FSHR protein.

DATA:



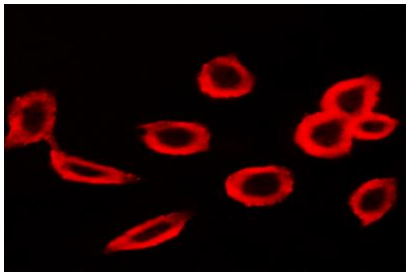
Western blot (WB) analysis of FSHR pAb at 1:500 dilution

Lane1:A2780 whole cell lysate(20ug)

Lane2:SK-OVCAR3 whole cell lysate(20ug)

Lane3:The Testis tissue lysate of Mouse(40ug)

Lane4:The Ovary tissue lysate of Rat(40ug)



Immunocytochemistry stain of A549 cells using FSHR antibody (1:200).

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151