Anti-FSHR Rabbit Polyclonal Antibody

Catalog #: 50336

Aliases

FSHR; Follicle Stimulating Hormone Receptor; LGR1; FSHRO; Follicle-Stimulating Hormone Receptor; Follitropin Receptor; ODG1; FSH Receptor; FSHR1; FSH-R

Background

Gene Name: FSHR
NCBI Gene Entry: 2492
UniProt Entry: P23945

Application Information

Molecular Weight: Predicted, 78 kDa; observed, 75 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human FSHR

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Storage

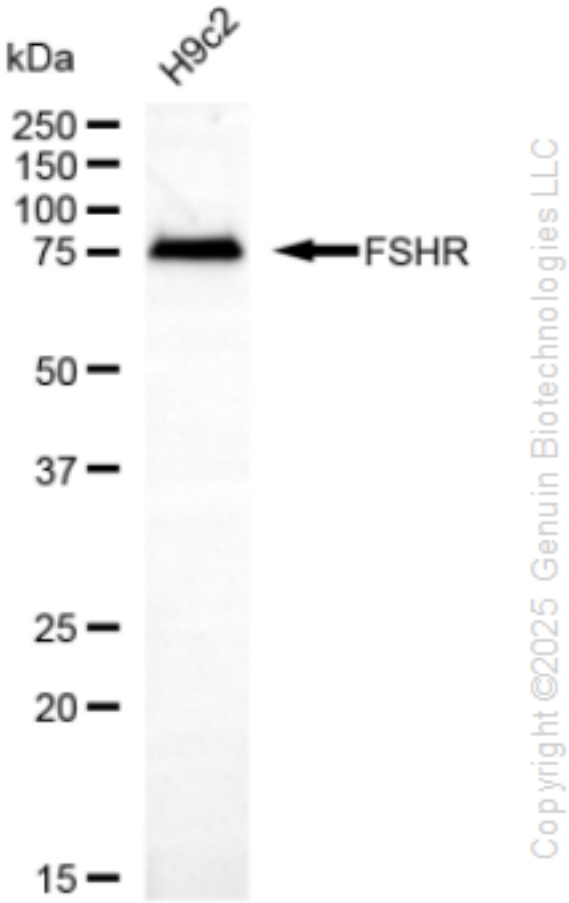
Store at -20 °C for one year.

Recommended Dilutions

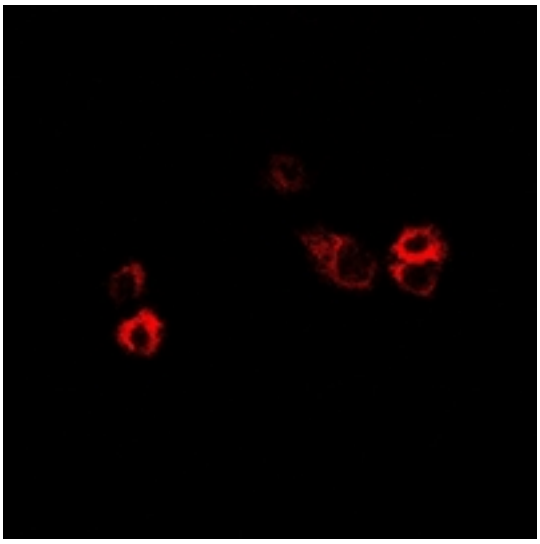
Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:100-1:300
Immunocytochemistry (IC): 1:50-1:200

Note: This product is for research use only.

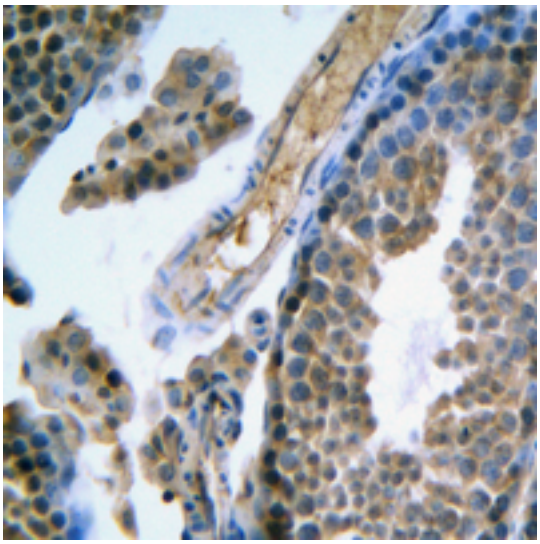
Validation Data



Western blotting analysis using anti-FSHR antibody (Cat#50336). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-FSHR antibody (Cat#50336, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Immunocytochemical analysis of FSHR staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of FSHR staining in human testis formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.