

## Anti-FSHR Antibody

Catalog Number: A00897-2

### About FSHR

Calcium-binding chaperone that promotes folding, oligomeric assembly and quality control in the endoplasmic reticulum (ER) via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export. Involved in maternal gene expression regulation. May participate in oocyte maturation via the regulation of calcium homeostasis By similarity.

McCauliffe D.P., J. Clin. Invest. 85:1379-1391(1990).

Rokeach L.A., J. Immunol. 147:3031-3039(1991).

McCauliffe D.P., J. Biol. Chem. 267:2557-2562(1992).

### Overview

Product Name	Anti-FSHR Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FSHR Antibody catalog # A00897-2. Tested in WB,IHC,ICC applications. This antibody reacts with Human,Mouse,Rat.
Application	IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P23945

### Technical Details

Immunogen	Synthesized peptide derived from internal of human CALR.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:1000 IHC: 1:50-1:200 ICC: 1:50-1:200

## 2 Publications Citing This Product

1. PubMed ID: 32185607, Liu S, Li L, Li M, Zhang J. Effect of miR-26b-5p on cis-diamine dichloroplatinum-induced ovarian granulosa cell injury by targeting MAP3K9. *In Vitro Cell Dev Biol Anim.* 2020 Mar;56(3):213-221. doi:10.1007/s11626-020-00439-4. Epub 2020 Mar 17. PMID:32185607.
2. PubMed ID: 31993999, Luo Q, Liu R, Wang L, Hou Y, Zhang H. The Effects of Inhibin B in the Chemotherapy Drug-Induced Premature Ovarian Insufficiency Mice and hPMSCs Treatment. *Reprod Sci.* 2020 May;27(5):1148-1155. doi:10.1007/s43032-019-00128-y. Epub 2020 Jan 28. PMID:31993999.

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