

Rabbit FSH Receptor Polyclonal Antibody | anti-FSHR antibody

Anti-FSH Receptor Antibody

CATALOG # AAA46834	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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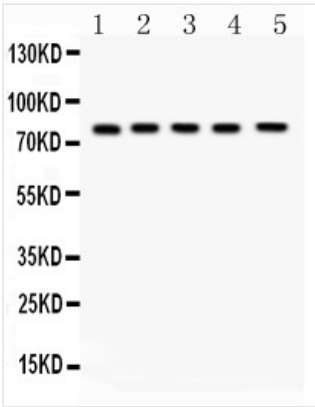
PRODUCT SYNONYMS

FSH Receptor; Polyclonal Antibody; Anti-FSH Receptor Antibody; Follicle-stimulating hormone receptor(FSH-R); follicle stimulating hormone receptor; anti-FSHR antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	695
Applicable Applications for anti-FSHR antibody	WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E. coli-derived human FSH Receptor recombinant protein (Position: C18-N187). Human FSH Receptor shares 91.2% and 90% amino acid (aa) sequence identity with mouse and rat FSH Receptor, respectively.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Western blot analysis of FSH Receptor expression in rat testis extract (lane 1), rat ovary extract (lane 2), mouse testis extract (lane 3), mouse ovary extract (lane 4) and HELA whole cell lysates (lane 5). FSH Receptor at 78KD was detected using rabbit anti- FSH Receptor Antigen Affinity purified polyclonal antibody at 0.5 ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-FSHR antibody	Rabbit IgG polyclonal antibody for Follicle-stimulating hormone receptor(FSH-R)(FSHR) detection. Background: The follicle-stimulating hormone receptor or FSH receptor (FSHR) is a transmembrane receptor that interacts with the follicle-stimulating hormone (FSH) and represents a G protein-coupled receptor (GPCR). This FSHR gene is mapped to chromosome 2p21 by fluorescence in situ hybridization. The protein encoded by this gene belongs to family 1 of G-protein coupled receptors. It is the receptor for follicle stimulating hormone and functions in gonad development. Mutations in this gene cause ovarian dysgenesis type 1, and also ovarian hyperstimulation syndrome. Alternative splicing results in multiple transcript variants.
References	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31657138
NCBI GeneID	2492
NCBI Accession #	NP_000136.2
NCBI GenBank Nucleotide #	NM_000145.3
UniProt Accession #	P23945; Q05AH0; Q16225; Q4QRJ3; Q4ZFF2; Q53RW2; A0A0A0MSC5; A8K947; G5CBS7; G5E967; J3KQ00
Molecular Weight	81,974 Da
NCBI Official Full Name	follicle-stimulating hormone receptor isoform 1
NCBI Official Synonym Full Names	follicle stimulating hormone receptor
NCBI Official Symbol	FSHR
NCBI Official Synonym Symbols	LGR1; ODG1; FSHR1; FSHRO
NCBI Protein Information	follicle-stimulating hormone receptor
UniProt Protein Name	Follicle-stimulating hormone receptor
UniProt Gene Name	FSHR
UniProt Synonym Gene Names	LGR1; FSH-R

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fsh-receptor-antibody-western-blot-elisa/46834>