


Product datasheet

Anti-FSH-R antibody ab75200

7 References 1 Image

Overview

Product name	Anti-FSH-R antibody
Description	Rabbit polyclonal to FSH-R
Host species	Rabbit
Specificity	Detects endogenous levels of total FSH-R protein.
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide corresponding to Human FSH-R (internal sequence).
Positive control	Transfected Jurkat and HUVEC cell extracts
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, PBS Without Mg ²⁺ and Ca ²⁺
Purity	Immunogen affinity purified
Purification notes	Affinity purified from rabbit antiserum by affinity chromatography using epitope specific immunogen.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab75200** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 78 kDa.
ELISA		1/5000.

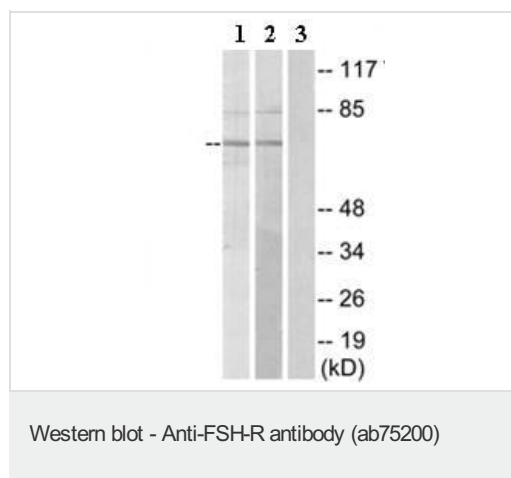
Target

Function	Receptor for follicle-stimulating hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.
Tissue specificity	Sertoli cells and ovarian granulosa cells.
Involvement in disease	Defects in FSHR are a cause of ovarian dysgenesis type 1 (ODG1) [MIM:233300]; also known as premature ovarian failure or gonadal dysgenesis XX type or XX gonadal dysgenesis (XXGD) or hereditary hypergonadotropic ovarian failure or hypergonadotropic ovarian dysgenesis with normal karyotype. ODG1 is an autosomal recessive disease characterized by primary amenorrhea, variable development of secondary sex characteristics, and high serum levels of follicle-stimulating hormone (FSH) and luteinizing hormone (LH). Defects in FSHR are a cause of ovarian hyperstimulation syndrome (OHSS) [MIM:608115]. OHSS is a disorder which occurs either spontaneously or most often as an iatrogenic complication of ovarian stimulation treatments for in vitro fertilization. The clinical manifestations vary from abdominal distention and discomfort to potentially life-threatening, massive ovarian enlargement and capillary leak with fluid sequestration. Pathologic features of this syndrome include the presence of multiple serous and hemorrhagic follicular cysts lined by luteinized cells, a condition called hyperreactio luteinalis.
Sequence similarities	Belongs to the G-protein coupled receptor 1 family. FSH/LSH/TSH subfamily. Contains 9 LRR (leucine-rich) repeats. Contains 1 LRRNT domain.
Post-translational	N-glycosylated; indirectly required for FSH-binding, possibly via a conformational change that

modifications allows high affinity binding of hormone.

Cellular localization Cell membrane.

Images



All lanes : Anti-FSH-R antibody (ab75200) at 1/500 dilution

Lane 1 : Transfected Jurkat cell extract

Lane 2 : Transfected HUVEC cell extract

Lane 3 : Transfected Jurkat cell extract with immunising peptide at 10 µg

Lysates/proteins at 10 µg per lane.

Predicted band size: 78 kDa

Observed band size: 78 kDa

Additional bands at: 85 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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