

Product datasheet

Anti-GHRHR antibody ab76263

[19 References](#) [3 Images](#)

Overview

Product name	Anti-GHRHR antibody
Description	Rabbit polyclonal to GHRHR
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human GHRHR (C terminal).
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, 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
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

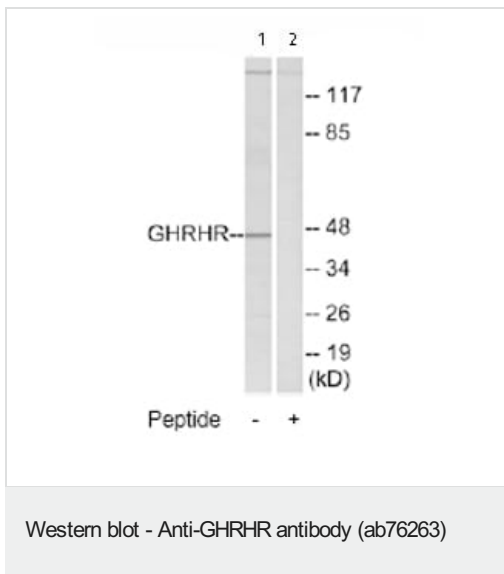
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab76263 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 47 kDa. Use BSA for blocking
ICC/IF		1/500 - 1/1000.

Target

Function	Receptor for GRF, coupled to G proteins which activate adenylyl cyclase. Stimulates somatotroph cell growth, growth hormone gene transcription and growth hormone secretion.
Tissue specificity	Pituitary gland.
Involvement in disease	Defects in GHRHR are a cause of growth hormone deficiency isolated type 1B (IGHD1B) [MIM:612781]; also known as dwarfism of Sindh. IGHD1B is an autosomal recessive deficiency of GH which causes short stature. IGHD1B patients have low but detectable levels of GH.
Sequence similarities	Belongs to the G-protein coupled receptor 2 family.
Cellular localization	Cell membrane.

Images



All lanes : Anti-GHRHR antibody (ab76263) at 1/500 dilution

Lane 1 : Extracts from LOVO cells

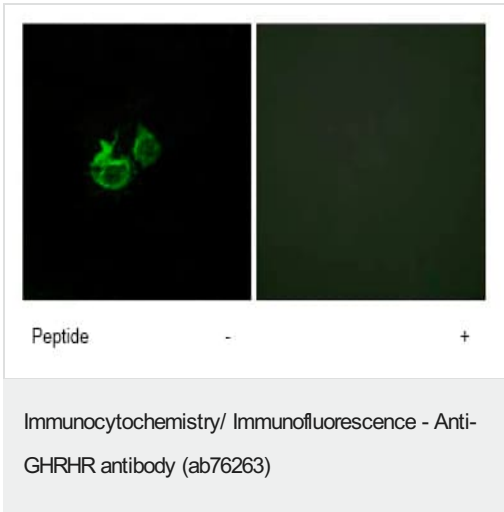
Lane 2 : Extracts from LOVO cells with immunizing peptide at 5 µg

Lysates/proteins at 5 µg per lane.

Predicted band size: 47 kDa

Observed band size: 47 kDa

Additional bands at: >117 kDa. We are unsure as to the identity of these extra bands.



Immunofluorescence analysis of HUVEC cells using ab76263 at a 1/500 dilution.

Left image un-treated.

Right image treated with immunizing peptide.



Immunofluorescence analysis of mouse pituitary cells, staining GHRHR with ab76263.

Cells were fixed with 4% paraformaldehyde and blocked using 4% NGS in PBS with 0.3% Triton X-100 for 1 hour at room temperature. Cells were incubated with primary antibody (1/50) in 4% NGS for 18 hours at 4°C. Slides were washed three times for 15 min with PBS and then incubated in 4% NGS with an AlexaFluor®488-conjugated anti-rabbit secondary antibody (1/1000) for 1 hour at room temperature.

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

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