BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Zebrafish LHCGR Antibody

Catalog Number: AZQ6TCF8

About LHCGR

Enables luteinizing hormone receptor activity. Acts upstream of or within gonad development; ovulation; and spermatogenesis. Predicted to be located in membrane. Predicted to be active in plasma membrane. Is expressed in digestive system; endocrine system; female organism; and gonad. Human ortholog(s) of this gene implicated in Leydig cell hypoplasia; Leydig cell tumor; breast cancer; familial male-limited precocious puberty; and gonadal disease. Orthologous to human LHCGR (luteinizing hormone/choriogonadotropin receptor).

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Overview

Product Name	Anti-Zebrafish LHCGR Antibody
Reactive Species	Zebrafish
Description	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.Immunogen affinity purified.Enables luteinizing hormone receptor activity. Acts upstream of or within gonad development; ovulation; and spermatogenesis. Predicted to be located in membrane. Predicted to be active in plasma membrane. Is expressed in digestive system; endocrine system; female organism; and gonad. Human ortholog(s) of this gene implicated in Leydig cell hypoplasia; Leydig cell tumor; breast cancer; familial male-limited precocious puberty; and gonadal disease. Orthologous to human LHCGR (luteinizing hormone/choriogonadotropin receptor).E.coli-derived Zebrafish LHCGR recombinant protein (Position: V51-V708)anti-zebrafish-lhcgr-antibody-azq6tcf8-bosterAnti-Zebrafish LHCGR AntibodyBoster Bio Anti-Zebrafish LHCGR Antibody catalog # AZQ6TCF8. Tested in IHC applications. This antibody reacts with Zebrafish.
Application	IHC
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage Instructions	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q6TCF8

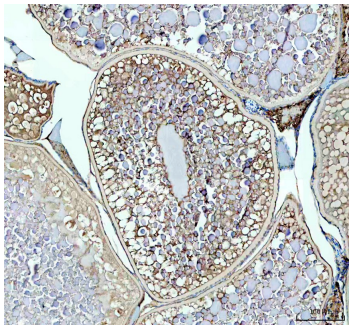
Technical Details

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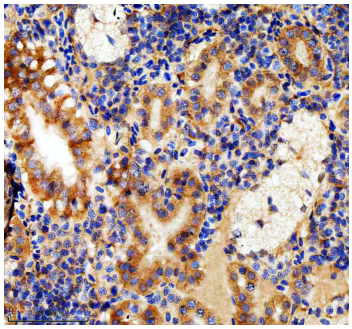
Immunogen	E.coli-derived Zebrafish LHCGR recombinant protein (Position: V51-V708)
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Zebrafish

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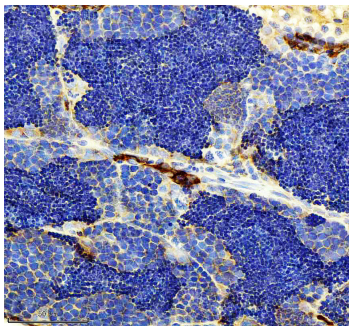
Anti-Zebrafish LHCGR Antibody (AZQ6TCF8) Images



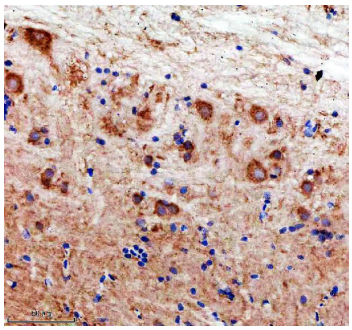
IHC analysis of LHCGR using anti-LHCGR antibody (AZQ6TCF8). LHCGR was detected in a paraffin-embedded section of zebrafish ovary tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-LHCGR Antibody (AZQ6TCF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of LHCGR using anti-LHCGR antibody (AZQ6TCF8). LHCGR was detected in a paraffin-embedded section of zebrafish kidney tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-LHCGR Antibody (AZQ6TCF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

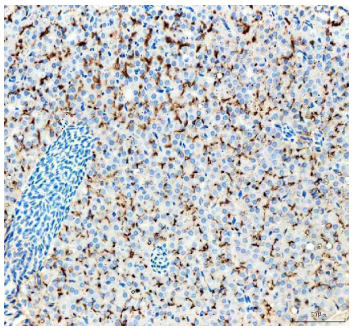


IHC analysis of LHCGR using anti-LHCGR antibody (AZQ6TCF8). LHCGR was detected in a paraffin-embedded section of zebrafish testis tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-LHCGR Antibody (AZQ6TCF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of LHCGR using anti-LHCGR antibody (AZQ6TCF8). LHCGR was detected in a paraffin-embedded section of zebrafish brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-LHCGR Antibody (AZQ6TCF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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IHC analysis of LHCGR using anti-LHCGR antibody (AZQ6TCF8). LHCGR was detected in a paraffin-embedded section of zebrafish liver tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-LHCGR Antibody (AZQ6TCF8) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

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For Research Use Only. Not for use in diagnostic procedures.