

Anti-LYRM7 Antibody

Catalog Number: A12346

About LYRM7

Inner mitochondrial membrane complex III (CIII) is the main enzyme complex in the mitochondrial respiratory chain, and Rieske Fe-S protein (UQCRCF1) is the last catalytic subunit added to the complex. The protein encoded by this gene is a nuclear-encoded mitochondrial matrix protein that stabilizes UQCRCF1 and chaperones it to the CIII complex. Defects in this gene are a cause of mitochondrial complex III deficiency, nuclear type 8. Three transcript variants encoding two different isoforms have been found for this gene.

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Overview

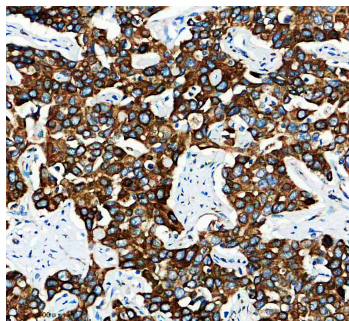
Product Name	Anti-LYRM7 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-LYRM7 Antibody catalog # A12346. Tested in IHC applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
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	Q5U5X0

Technical Details

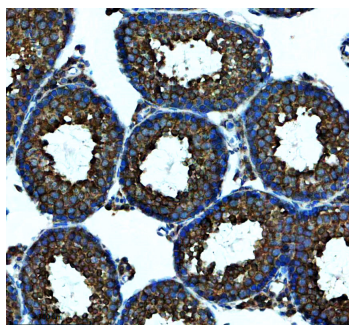
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human LYRM7.(HRTRQQVFKNDARALEAA).
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.

Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry(Paraffin-embedded Section), 2-5 ug/ml, Human, Mouse, Rat

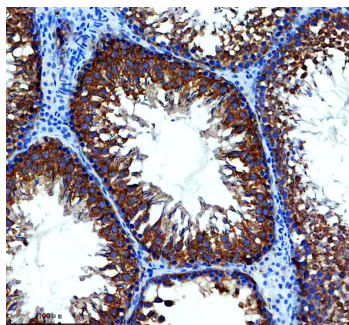
Anti-LYRM7 Antibody (A12346) Images



IHC analysis of LYRM7 using anti-LYRM7 antibody (A12346). LYRM7 was detected in a paraffin-embedded section of human liver cancer 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-LYRM7 Antibody (A12346) 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 LYRM7 using anti-LYRM7 antibody (A12346). LYRM7 was detected in a paraffin-embedded section of mouse 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-LYRM7 Antibody (A12346) 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 LYRM7 using anti-LYRM7 antibody (A12346). LYRM7 was detected in a paraffin-embedded section of rat 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-LYRM7 Antibody (A12346) 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.