

For Research Use Only

# LYRM5 Polyclonal antibody

Catalog Number: 31548-1-AP



## Basic Information

Catalog Number:

31548-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35889

GenBank Accession Number:

BC071769

GeneID (NCBI):

144363

UNIPROT ID:

Q6IPR1

Full Name:

LYR motif containing 5

Observed MW:

11 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

IP : mouse heart tissue,

## Background Information

LYRM5, also known as ETFRF1, belongs to the Complex1\_LYR-like Superfamily. LYRM5 is a mitochondrial protein and plays key roles in acetate metabolism, and in essential Fe-S cluster biogenesis. In vitro, LYRM5 was found to inhibit ETF by promoting the removal of flavin from the ETF holoenzyme, thus potentially regulating the rate of  $\beta$ -oxidation (PMID: 35402183, PMID: 36266680). The calculated molecular weight of LYRM5 is 11 kDa.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

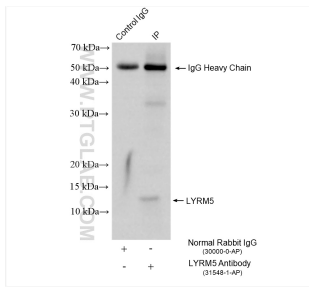
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



IP result of anti-LYRM5 (IP:31548-1-AP, 4ug;  
Detection:31548-1-AP 1:500) with mouse heart  
tissue lysate 1840 ug.