

LYRM1 Polyclonal Antibody

Catalog No. E-AB-18887

Note: Centrifuge before opening to ensure complete recovery of vial contents.

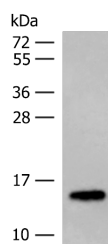
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human LYRM1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4

Applications Recommended Dilution

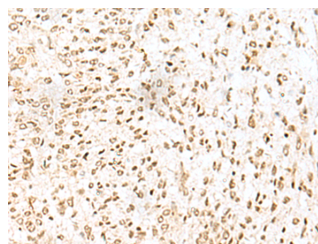
WB	1:500-1:2000
IHC	1:50-1:300

Data

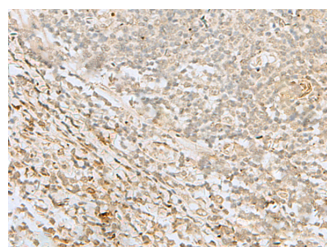


Western blot analysis of Mouse adipose tissue lysates using LYRM1 Polyclonal Antibody at dilution of 1:300

Observed Mw: Refer to figures
Calculated Mw: 14 kDa



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using LYRM1 Polyclonal Antibody at dilution of 1:50 (x200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using LYRM1 Polyclonal Antibody at dilution of 1:50 (x200)

Preparation & Storage

For Research Use Only

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The protein encoded by this gene belongs to the mitochondrial leucine/tyrosine/arginine motif family of proteins. Proteins of this family are short polypeptides that contain a leucine/tyrosine/arginine motif near the N-terminus. This gene is widely expressed with high levels in omental adipose tissue of obese individuals. In adipose tissue, the protein is localized to the nucleus where it promotes preadipocyte proliferation and lowers the rate of apoptosis to regulate adipose tissue homeostasis. Overexpression of this gene in adipocytes causes abnormal mitochondrial morphology and mitochondrial dysfunction. Alternative splicing results in multiple transcript variants.