

LYRM1 Polyclonal Antibody

catalog number: E-AB-18887

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

Description

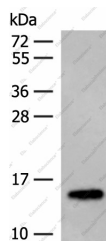
Reactivity	Human;Mouse;Rat
Immunogen	Fusion protein of human LYRM1
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

Recommended Dilution

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

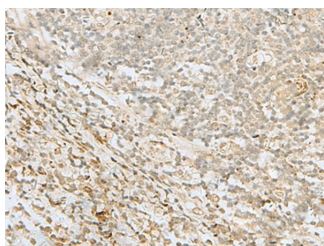
Data



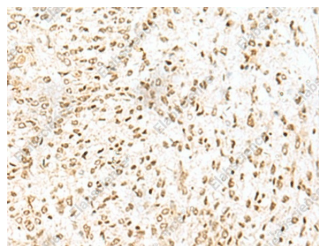
Western blot analysis of Mouse adipose tissue lysates using LYRM1 Polyclonal Antibody at dilution of 1:300

Observed-MW: Refer to figures

Calculated-MW: 14 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

Toll-free: 1-888-852-8623
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Rev. V1.8

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.