

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## LYRM1 RABBIT PAB

Cat.#: S218949

**Product Name:** Anti-LYRM1 Rabbit Polyclonal Antibody

Synonyms: A211C6.1

UNIPROT ID: O43325 (Gene Accession - BC017039)

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.

Immunogen: Fusion protein of human LYRM1

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-300;WB: 500-2000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification Species Reactivity: Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

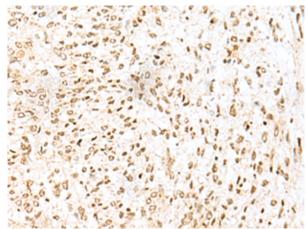
Research Areas: Cancer

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

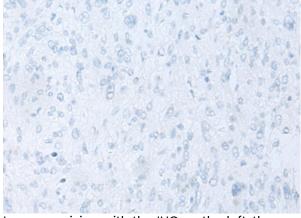


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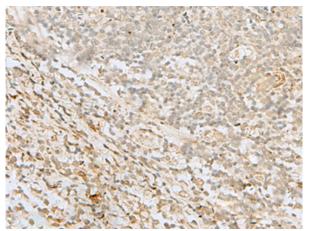
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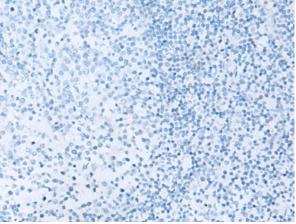
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218949(LYRM1 Antibody) at a dilution of 1/50(Nucleus).



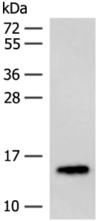
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218949(Anti-LYRM1 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 218949(Anti-LYRM1 Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D225557(Anti-LYRMI Antibody) at dilution 1/50.



Gel: 12%SDS-PAGE, Lysate: 40 µg; Lane: Mouse adipose tissue lysates; Primary antibody: 218949(LYRM1 Antibody) at dilution 1/300;

Secondary antibody: Goat anti rabbit IgG at

1/8000 dilution;

Exposure time: 5 minutes



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