

MYOT RABBIT PAB

Cat.#: S219148

Product Name: Anti-MYOT Rabbit Polyclonal Antibody

Synonyms: MFM3; TTID; TTOD; LGMD1; LGMD1A

UNIPROT ID: Q9UBF9 (Gene Accession - BC005376)

Background: This gene encodes a cytoskeletal protein which plays a significant role in the stability of thin filaments during muscle contraction. This protein binds F-actin, crosslinks actin filaments, and prevents latrunculin A-induced filament disassembly. Mutations in this gene have been associated with limb-girdle muscular dystrophy and myofibrillar myopathies. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined.

Immunogen: Fusion protein of human MYOT

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 50-300;WB: 1000-5000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

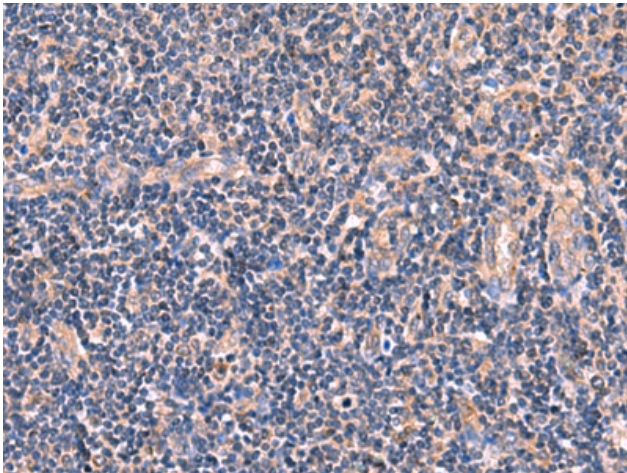
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

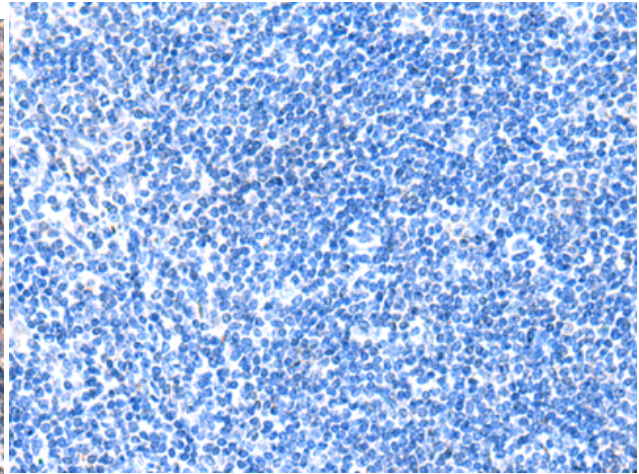
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cardiovascular

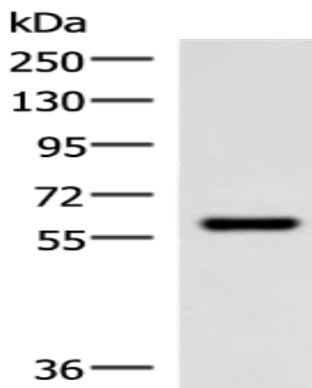
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 219148(MYOT Antibody) at a dilution of 1/65(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 219148(Anti-MYOT Antibody) at dilution 1/65.



Gel: 8%SDS-PAGE, Lysate: 40 μ g;
Lane: Mouse skeletal muscle tissue lysate;
Primary antibody: 219148(MYOT Antibody) at dilution 1/900;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 1 second