

Product datasheet for **TA370652**

Myotilin (MYOT) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1000-5000 WB positive control: Mouse skeletal muscle tissue lysate IHC: 50-300 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human MYOT
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	55 kDa
Gene Name:	myotilin
Database Link:	Entrez Gene 9499 Human Q9UBF9

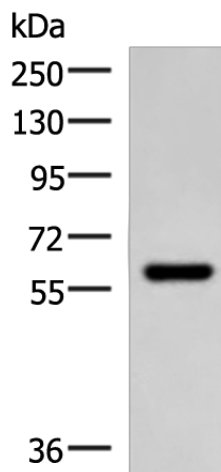
Background: This gene encodes a cytoskeletal protein which plays a significant role in the stability of thin filaments during muscle contraction. This protein binds F-actin, crosslinks actin filaments, and prevents latrunculin A-induced filament disassembly. Mutations in this gene have been associated 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.



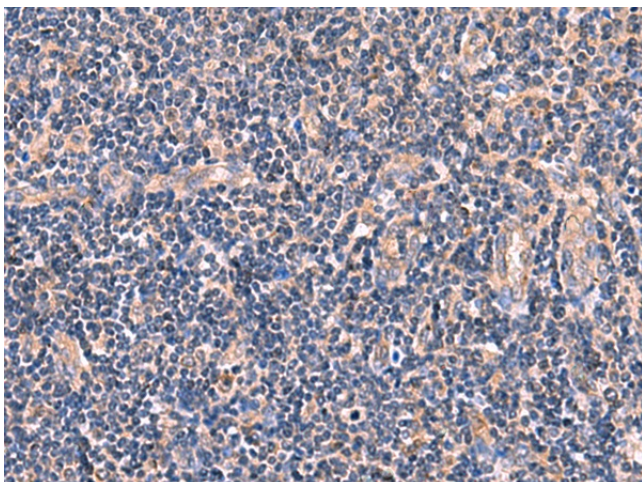
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Synonyms: LGMD1; LGMD1A; myotilin; TTID

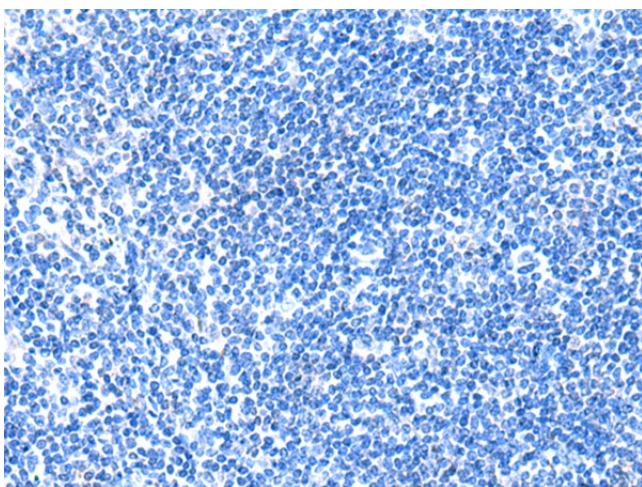
Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse skeletal muscle tissue lysate
Primary antibody: TA370652 (MYOT Antibody) at dilution 1/900
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 1 second



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370652 (MYOT Antibody) at dilution 1/65 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA370652 (MYOT Antibody) at dilution 1/65, treated with fusion protein. (Original magnification: $\times 200$)