

myotilin (aa209-221) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3914a**Specification**

myotilin (aa209-221) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q9UBF9
Other Accession	NP_006781.1 , NP_001129412.1 , 9499
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	55395

myotilin (aa209-221) Antibody (internal region) - Additional Information**Gene ID** 9499**Other Names**

Myotilin, 57 kDa cytoskeletal protein, Myofibrillar titin-like Ig domains protein, Titin immunoglobulin domain protein, MYOT, TTID

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

myotilin (aa209-221) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

myotilin (aa209-221) Antibody (internal region) - Protein Information**Name** MYOT**Synonyms** TTID**Function**

Component of a complex of multiple actin cross-linking proteins. Involved in the control of

myofibril assembly and stability at the Z lines in muscle cells.

Cellular Location

Cell membrane, sarcolemma. Cytoplasm, cytoskeleton. Cytoplasm, myofibril, sarcomere, Z line.
Note=Sarcomeric, also localized to the sarcolemma (PubMed:10369880). Colocalizes with MYOZ1 at the Z-lines in skeletal muscle (PubMed:16076904).

Tissue Location

Expressed in skeletal muscle (at protein level). Expressed in skeletal muscle, heart, bone marrow and thyroid gland

myotilin (aa209-221) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

myotilin (aa209-221) Antibody (internal region) - Images



AF3914a (0.1 µg/ml) staining of Human Skeletal Muscle lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

myotilin (aa209-221) Antibody (internal region) - Background

This antibody is expected to recognize both reported isoforms (NP_006781.1; NP_001129412.1).

myotilin (aa209-221) Antibody (internal region) - References

Analysis of myotilin turnover provides mechanistic insight into the role of myotilinopathy-causing mutations. von Nandelstadh P, Soliymani R, Baumann M, Carpen O. Biochem J. 2011 May

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