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Datasheet for ABIN5011644

anti-Titin antibody (AA 2670-2703) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	Titin (TTN)
Binding Specificity:	AA 2670-2703
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Titin antibody is conjugated to Alexa Fluor 750
Application:	Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Titin (Ig-like 15 domain)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Titin (TTN)
Alternative Name:	Titin (TTN Products)
Background:	Synonyms: TMD, CMH9, CMD1G, CMPD4, EOMFC, HMERF, MYLK5, LGMD2J, Titin, Connectin, Rhabdomyosarcoma antigen MU-RMS-40.14, TTN

Target Details

Background: Key component in the assembly and functioning of vertebrate striated muscles. By providing connections at the level of individual microfilaments, it contributes to the fine balance of forces between the two halves of the sarcomere. The size and extensibility of the cross-links are the main determinants of sarcomere extensibility properties of muscle. In non-muscle cells, seems to play a role in chromosome condensation and chromosome segregation during mitosis. Might link the lamina network to chromatin or nuclear actin, or both during interphase.

Gene ID: 7273

UniProt: [Q8WZ42](#)

Application Details

Application Notes: FCM 1:20-100
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months