Datasheet for ABIN1405090

anti-Titin antibody (AA 2670-2703) (Alexa Fluor 488)

Go to Product page

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 488
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