

Datasheet for ABIN7173353
anti-Triadin antibody (AA 75-161)



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1 Image

Overview

Quantity:	100 µg
Target:	Triadin (TRDN)
Binding Specificity:	AA 75-161
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Triadin antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Triadin protein (75-161AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Triadin (TRDN)
Alternative Name:	TRDN (TRDN Products)
Background:	Background: Contributes to the regulation of luminal Ca ²⁺ release via the sarcoplasmic reticulum calcium release channels RYR1 and RYR2, a key step in triggering skeletal and heart

Target Details

muscle contraction. Required for normal organization of the triad junction, where T-tubules and the sarcoplasmic reticulum terminal cisternae are in close contact (By similarity). Required for normal skeletal muscle strength. Plays a role in excitation-contraction coupling in the heart and in regulating the rate of heart beats.

Aliases: dJ166D18.1 antibody, DKFZp779I2253 antibody, MGC88285 antibody, OTTHUMP00000040354 antibody, TDN antibody, TRDN antibody, TRDN_HUMAN antibody, Triadin antibody, TRISK 51 antibody, TRISK antibody, TRISK51 antibody

UniProt: [Q13061](#)

Pathways: [Negative Regulation of Transporter Activity](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

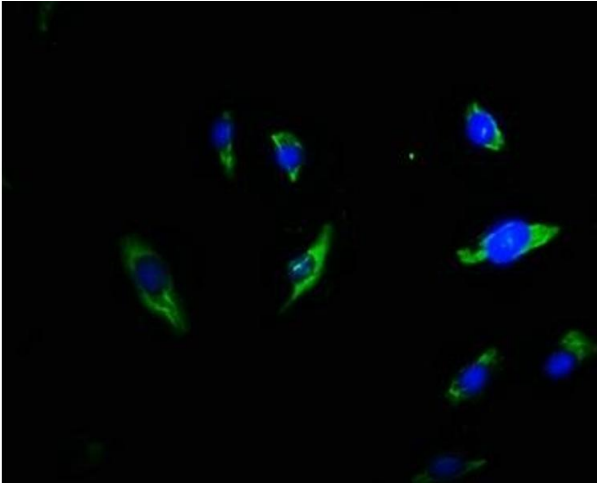
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of U251 cells with ABIN7173353 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).