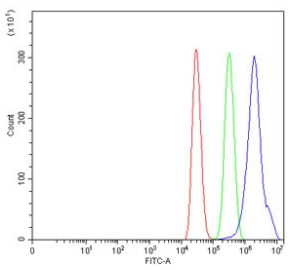
Triadin Antibody / TRDN (RQ7459)

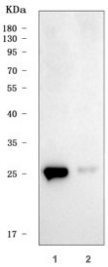
Catalog No.	Formulation	Size
RQ7459	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q13061
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Triadin antibody is available for research use only.



Flow cytometry testing of human MCF7 cells with Triadin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Triadin antibody.



Western blot testing of human 1) MCF7 and 2) K562 cell lysate with Triadin antibody. Predicted molecular weight: ~82/33/19 kDa (multiple isoforms).

Description

This gene encodes an integral membrane protein found in skeletal and cardiac muscle. The encoded protein plays a role in skeletal muscle excitation-contraction coupling as part of the calcium release complex and is required for normal skeletal muscle strength. This protein indirectly links triads and microtubules in skeletal muscle. Mutations in this gene are associated with cardiac arrythmia syndrome and some variants in this gene may be associated with sudden cardiac death.

Application Notes

Optimal dilution of the Triadin antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids M67-Q729) was used as the immunogen for the Triadin antibody.

Storage

After reconstitution, the Triadin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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