

TRDN Polyclonal antibody

Catalog Number: 26607-1-AP

Basic Information

Catalog Number:

26607-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24294

GenBank Accession Number:

BC139910

GeneID (NCBI):

10345

UNIPROT ID:

Q13061

Full Name:

triadin

Calculated MW:

729 aa, 82 kDa

Observed MW:

39 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : mouse heart tissue, rat heart tissue

Background Information

TRDN is a complete transmembrane protein connecting the sarcoplasmic reticulum, which has the function of triggering excitation-contraction coupling of skeletal muscle and heart and regulating heart rate. TRDN is significantly expressed in heart and skeletal muscle. Mutations in triadin can lead to malignant ventricular arrhythmias (PMID:33692971).

Storage

Storage:

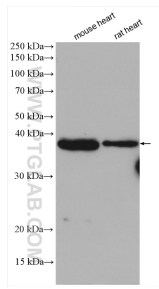
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 26607-1-AP (TRDN antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.