

For Research Use Only

TRDN Polyclonal antibody

Catalog Number: 26607-1-AP



Basic Information

Catalog Number: 26607-1-AP	GenBank Accession Number: BC139910	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10345	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	Full Name: triadin	
Isotype: IgG	Calculated MW: 729 aa, 82 kDa	
Immunogen Catalog Number: AG24294	Observed MW: 39 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse heart tissue,
Species Specificity: human, mouse, rat	

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

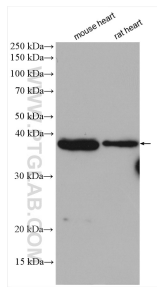
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.