

For Research Use Only

# TRDN Polyclonal antibody

Catalog Number: 26607-1-AP



## Basic Information

<b>Catalog Number:</b> 26607-1-AP	<b>GenBank Accession Number:</b> BC139910	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 10345	<b>Recommended Dilutions:</b> WB 1:2000-1:12000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q13061	
<b>Isotype:</b> IgG	<b>Full Name:</b> triadin	
<b>Immunogen Catalog Number:</b> AG24294	<b>Calculated MW:</b> 729 aa, 82 kDa	
	<b>Observed MW:</b> 39 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : mouse heart tissue, rat heart tissue
<b>Species Specificity:</b> 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

For technical support and original validation data for this product please contact:

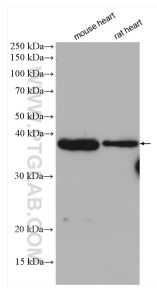
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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.