

For Research Use Only

# ANKRD1 Polyclonal antibody

Catalog Number: 11427-1-AP **14 Publications**



## Basic Information

**Catalog Number:**

11427-1-AP

**Size:**

550 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1970

**GenBank Accession Number:**

BC018667

**GeneID (NCBI):**

27063

**UNIPROT ID:**

Q15327

**Full Name:**

ankyrin repeat domain 1 (cardiac muscle)

**Calculated MW:**

319 aa, 36 kDa

**Observed MW:**

36 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, mouse

**Positive Controls:**

WB: mouse skeletal muscle tissue, rat skeletal muscle tissue

## Background Information

Ankyrin repeat domain-containing protein 1(ANKRD1) belongs to the conserved muscle ankyrin repeat protein(MARP) family, whose expression is induced in response to physiologic stress, injury and hypertrophy. Thus its expression mainly in activated vascular endothelial cells. ANKRD1 may regulate SMC proliferation through the CDKN1A pathway. It functions as a nuclear transcription repressor that regulate cardiac gene's expression. This is a rabbit polyclonal antibody produced by the full-length ANKRD1 of human origin

## Notable Publications

Author	Pubmed ID	Journal	Application
Leixin Wei	33089528	FASEB J	WB
Holger Greschik	29168801	Cell Death Dis	IF
Noreen Eder	32404936	Nat Commun	IF

## 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:

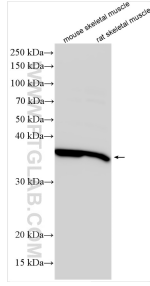
T: 4006900926

E: Proteintech-CN@ptglab.com

W: 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 11427-1-AP (ANKRD1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.