

For Research Use Only

ANKRD1 Polyclonal antibody

Catalog Number: 11427-1-AP **12 Publications**



Basic Information

Catalog Number: 11427-1-AP	GenBank Accession Number: BC018667	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27063	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: ankyrin repeat domain 1 (cardiac muscle)	
Isotype: IgG	Calculated MW: 319 aa, 36 kDa	
Immunogen Catalog Number: AG1970	Observed MW: 36 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse skeletal muscle tissue, rat skeletal muscle tissue
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: human, mouse	

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: 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



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 11427-1-AP (ANKRD1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.