

ANKRD1 Polyclonal Antibody

Catalog number: 11427-1-AP

Size: 30 µg/150 µl

Source: Rabbit

Isotype: IgG

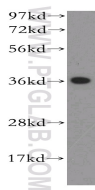
Synonyms:

ANKRD1; ALRP, ANKRD1,

bA320F15.2, C 193, C193,

Cardiac ankyrin repeat protein,

CARP, CVARP, HA1A2, MCRP



human heart tissue were subjected to SDS PAGE followed by western blot with 11427-1-AP(ANKRD1 antibody) at dilution of 1:400

Background

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 regressor that regulate cardiac gene's expression. This is a rabbit polyclonal antibody produced by the full-length ANKRD1 of human origin

Applications

Tested applications:	ELISA, WB
Cited applications:	WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Human
Calculated ANKRD1 MW:	319aa,36 kDa
Observed ANKRD1 MW:	36kd
Positive WB detected in	Human heart tissue, rat skeletal muscle tissue
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1970
GenBank accession number:	BC018667
Gene ID (NCBI):	27063
Full name:	Ankyrin repeat domain 1 (cardiac muscle)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.