

For Research Use Only

ANKRD2 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87444-1-PBS



Basic Information

Catalog Number: 87444-1-PBS	GenBank Accession Number: BC020817	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 26287	CloneNo.: 252829E11
Source: Rabbit	UNIPROT ID: Q9GZV1	
Isotype: IgG	Full Name: ankyrin repeat domain 2 (stretch responsive muscle)	
Immunogen Catalog Number: AG2389	Calculated MW: 37 aa, 2 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

Background Information

ANKRD2 belongs to the conserved muscle ankyrin repeat protein (MARP) family. Expression of MARPs is induced in response to physiologic stress, injury, and hypertrophy. Together with Ankrd1/CARP and DARP, ANKRD2 are members of the MARP mechanosensing proteins that form a complex with titin (N2A)/calpain 3 protease/myopalladin. Ankrd2 is thought to have dual, structural and signaling roles, and could link the elastic I-band region as a stress sensor for transcriptional control in the nucleus.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

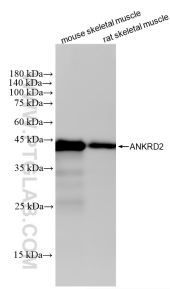
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87444-1-RR (ANKRD2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87444-1-PBS in a different storage buffer formulation.