

For Research Use Only

AKIRIN1 Polyclonal antibody

Catalog Number: 22649-1-AP



Basic Information

Catalog Number:

22649-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18530

GenBank Accession Number:

BC119745

GeneID (NCBI):

79647

UNIPROT ID:

Q9H9L7

Full Name:

akirin 1

Calculated MW:

192 aa, 22 kDa

Observed MW:

22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, ELISA

Species Specificity:

human

Positive Controls:

IP: U-251 cells,

Background Information

Akirin1 is a highly conserved ubiquitously expressed nuclear protein harboring a clear nuclear localization signal and the protein-protein interaction property. Acting as a cofactor, Akirin1 has been disclosed that regulate transcriptional activities by establishing a link between multiple transcription factors and chromatin remodeling complexes (PMID: 39188701). Akirin1 has been shown to be involved in the induction of cardiac hypertrophy via miR-1 and serum response factor (SRF) in mice (PMID: 30746755).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

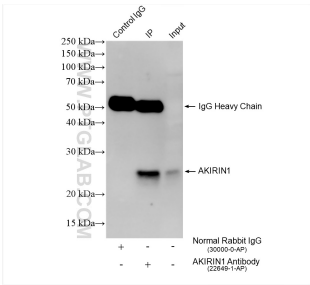
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



IP result of anti-AKIRIN1 (IP:22649-1-AP, 4ug;
Detection:22649-1-AP 1:500) with U-251 cells
lysate 1200 ug.