

For Research Use Only

PKP1 Polyclonal antibody

Catalog Number: 22632-1-AP



Basic Information

Catalog Number:

22632-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18153

GenBank Accession Number:

BC114571

GeneID (NCBI):

5317

UNIPROT ID:

Q13835

Full Name:

plakophilin 1 (ectodermal dysplasia/skin fragility syndrome)

Calculated MW:

747 aa, 83 kDa

Observed MW:

70-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:12000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HaCaT cells, mouse skin tissue, rat skin tissue

Background Information

Plakophilin 1, also known as PKP1, B6P, is a member of the arm-repeat protein family. PKP1 contains arm-repeat (armadillo) domains, localizes to nuclei and cell desmosomes, and participates in linking cadherins to intermediate filaments in the cytoskeleton (PMID: 10747098). PKP1 contributes to epidermal morphogenesis and facilitates the formation of intermediate filaments. Mutations in PKP1 have been associated with the ectodermal dysplasia/skin fragility syndrome (PubMed:9326952, 10852826).

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:

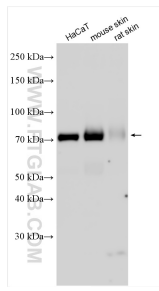
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 22632-1-AP (PKP1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.