

For Research Use Only

PKP1 Polyclonal antibody

Catalog Number: 22632-1-AP



Basic Information

Catalog Number: 22632-1-AP	GenBank Accession Number: BC114571	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5317	Recommended Dilutions: WB 1:2000-1:12000
Source: Rabbit	Full Name: plakophilin 1 (ectodermal dysplasia/skin fragility syndrome)	
Isotype: IgG	Calculated MW: 747 aa, 83 kDa	
Immunogen Catalog Number: AG18153	Observed MW: 70-75 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HaCaT cells, mouse skin tissue, rat skin tissue
Species Specificity: human, mouse, rat	

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

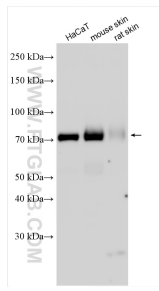
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



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.