

For Research Use Only

Plakophilin 3 Polyclonal antibody

Catalog Number: 18338-1-AP **3 Publications**



Basic Information

Catalog Number: 18338-1-AP	GenBank Accession Number: BC000081	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 450 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 11187	Recommended Dilutions: WB 1:500-1:3000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9Y446	
Isotype: IgG	Full Name: plakophilin 3	
Immunogen Catalog Number: AG13062	Calculated MW: 87 kDa	
	Observed MW: 87 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls: WB : K-562 cells, A549 cells, HeLa cells, MCF-7 cells IP : A549 cells, IHC : human skin tissue, human bowen disease, human colon tissue, mouse skin tissue
Cited Applications: WB, IHC	
Species Specificity: human, mouse, rat	
Cited Species: human, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Liangshun Zhang	38114688	Med Oncol	IHC
Yan Du	37760912	Biomedicines	IHC
Yuan Li	37420272	J Ovarian Res	WB,IHC

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)

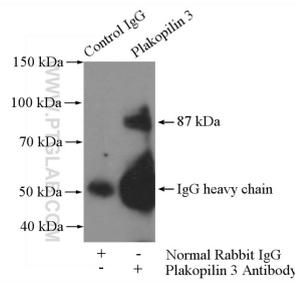
E: proteintech@ptglab.com
W: ptglab.com

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

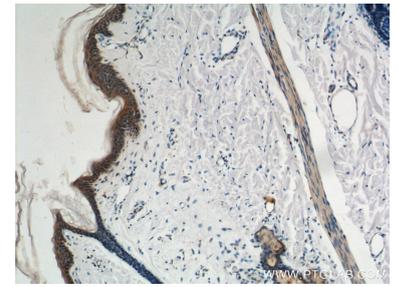
Selected Validation Data



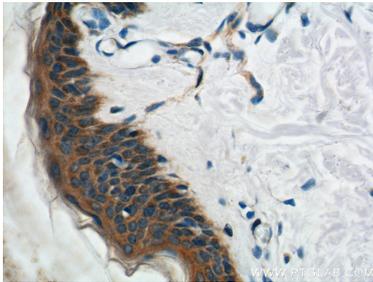
K-562 cells were subjected to SDS PAGE followed by western blot with 18338-1-AP (Plakophilin 3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



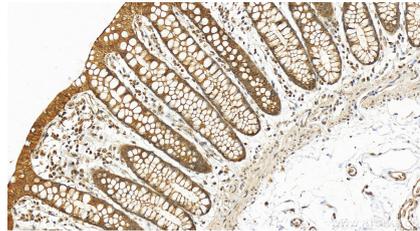
IP result of anti-Plakophilin 3 (IP:18338-1-AP, 4ug; Detection:18338-1-AP 1:600) with A549 cells lysate 1000ug.



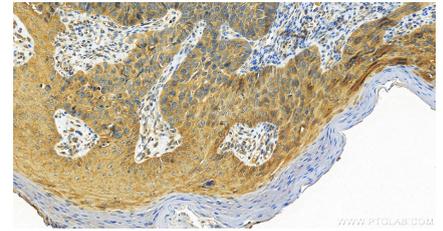
Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 18338-1-AP (Plakophilin 3 antibody at dilution of 1:200 (under 10x lens).



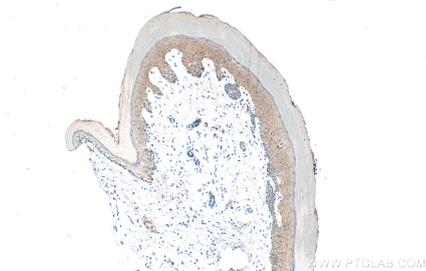
Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 18338-1-AP (Plakophilin 3 antibody at dilution of 1:200 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human normal colon slide using 18338-1-AP (Plakophilin 3 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human bowen disease slide using 18338-1-AP (Plakophilin 3 antibody) at dilution of 1:300 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse skin tissue slide using 18338-1-AP (Plakophilin 3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).