

For Research Use Only

Plakophilin 3 Polyclonal antibody

Catalog Number: 18338-1-AP

3 Publications



Basic Information

Catalog Number:

18338-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13062

GenBank Accession Number:

BC000081

GeneID (NCBI):

11187

UNIPROT ID:

Q9Y446

Full Name:

plakophilin 3

Calculated MW:

87 kDa

Observed MW:

87 kDa

Purification Method:

Antigen affinity purification

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

Applications

Tested Applications:

WB, IHC, IP, ELISA

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

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

Background Information

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

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

T: 4006900926

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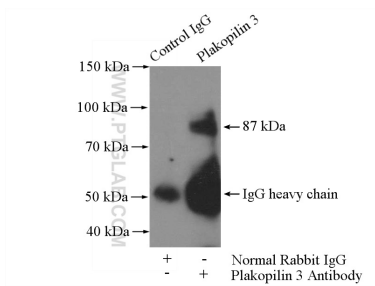
W: ptgcn.com

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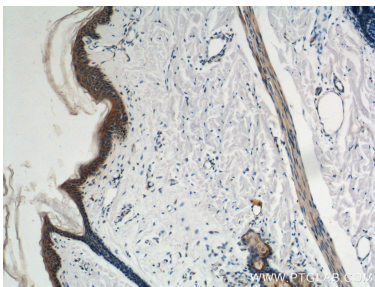
Selected Validation Data



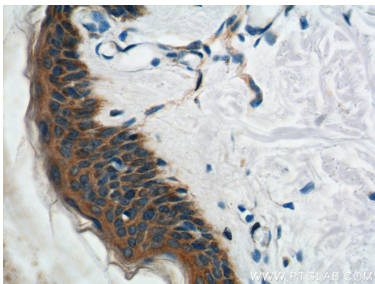
K-562 cells were subjected to SDS PAGE followed by western blot with 18338-1-AP (Plakophilin 3 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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

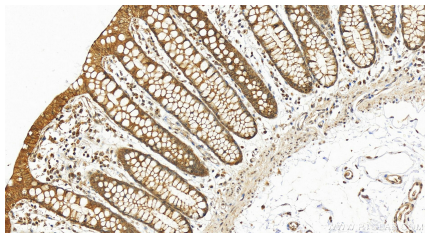


Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 18338-1-AP (Plakophilin 3 antibody at dilution of 1:200 (under 10x lens).

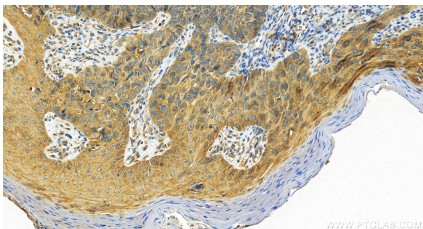


Immunohistochemical analysis of paraffin-embedded human skin tissue slide using 18338-1-AP (Plakophilin 3 antibody at dilution of 1:200 (under 40x lens).

Immunohistochemical analysis of paraffin-embedded 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).



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).