

For Research Use Only

CDSN Polyclonal antibody

Catalog Number: 13184-1-AP **4 Publications**



Basic Information

Catalog Number: 13184-1-AP	GenBank Accession Number: BC031993	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 1041	Recommended Dilutions: WB 1:500-1:1000 IHC 1:200-1:800
Source: Rabbit	Full Name: corneodesmosin	
Isotype: IgG	Calculated MW: 528 aa, 52 kDa	
Immunogen Catalog Number: AG3854	Observed MW: 55-65 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : A431 cells, NIH/3T3 cells
Cited Applications: IF, IHC, WB	IHC : human skin cancer tissue,
Species Specificity: human, mouse	
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

CDSN, also named as S protein, is important for the epidermal barrier integrity. CDSN is a unique extracellular 52- to 56-kDa glycoprotein found in corneodesmosomes. Pathogenic mutations in CDSN have been linked in humans to genodermatoses affecting both the hair follicle and the epidermis. Inflammatory peeling skin syndrome is caused by a novel mutation in CDSN.

Notable Publications

Author	Pubmed ID	Journal	Application
Satomi Igawa	33197483	J Invest Dermatol	WB
Laetitia-Barbollat Boutrand	28243135	Clin Cosmet Investig Dermatol	IHC
Eran Cohen-Barak	34379845	Exp Dermatol	IF

Storage

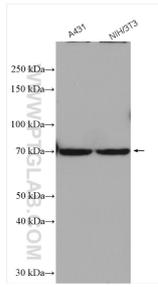
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

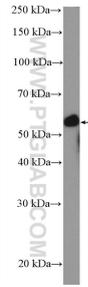
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

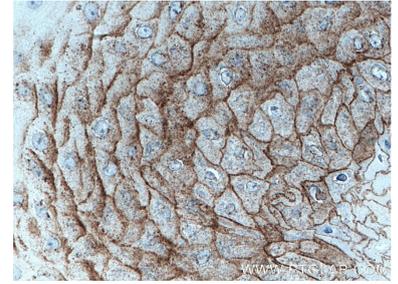
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13184-1-AP (CDSN antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



A431 cells were subjected to SDS PAGE followed by western blot with 13184-1-AP (CDSN antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 13184-1-AP (CDSN antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).