

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: 1000 µg/ml	GeneID (NCBI): 1041	Recommended Dilutions: WB 1:500-1:1000 IHC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q15517	
Isotype: IgG	Full Name: corneodesmosin	
Immunogen Catalog Number: AG3854	Calculated MW: 528 aa, 52 kDa	
	Observed MW: 55-65 kDa	

Applications

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

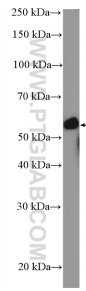
Storage

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

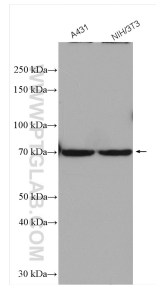
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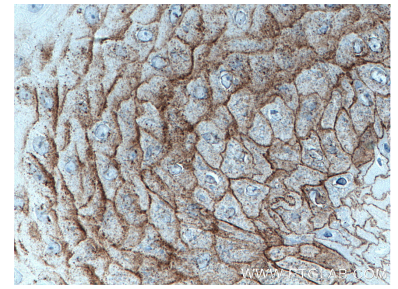
Selected Validation Data



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.



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.



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).