

For Research Use Only

CDSN Polyclonal antibody

Catalog Number: 13184-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

13184-1-AP

Size:

150ul , Concentration: 1000 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3854

GenBank Accession Number:

BC031993

GeneID (NCBI):

1041

UNIPROT ID:

Q15517

Full Name:

corneodesmosin

Calculated MW:

528 aa, 52 kDa

Observed MW:

55-65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF

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

Positive Controls:

WB : A431 cells, NIH/3T3 cells

IHC : human skin cancer tissue,

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

*** 20ul sizes contain 0.1% BSA

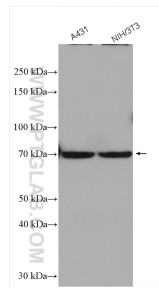
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

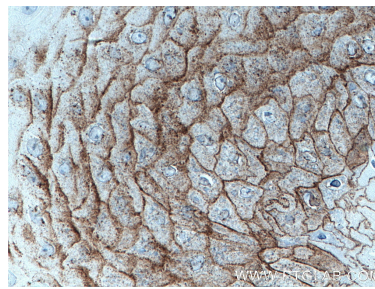
E: proteintech@ptglab.com
W: ptglab.com

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.



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).