

For Research Use Only

Filaggrin Polyclonal antibody

Catalog Number: 26931-1-AP **2 Publications**



Basic Information

Catalog Number: 26931-1-AP	GenBank Accession Number: NM_002016	Purification Method: Antigen affinity purification
Source: Rabbit	GeneID (NCBI): 2312	Recommended Dilutions: IHC: 1:300-1:1200
Isotype: IgG	UNIPROT ID: P20930	
Immunogen Catalog Number: AG25389	Full Name: filaggrin	
	Calculated MW: 435 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human paracancerous of skin squamous cell cancer tissue, human skin squamous cell cancer tissue
Cited Applications: IHC, IF	
Species Specificity: human	
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	

Background Information

Profilaggrin is a major protein component of the keratohyalin granules of mammalian epidermis. It is initially expressed as a large polyprotein precursor, which is subsequently proteolytically processed into individual functional filaggrin molecules. The free filaggrin binds to keratin intermediate filaments, causing their aggregation into macrofibrils in which the intermediate filaments are aligned in tightly packed parallel arrays. Mutations in Filaggrin are associated with Ichthyosis vulgaris and Dermatitis atopic 2. (PMID: 19386895, 16550169)

Notable Publications

Author	Pubmed ID	Journal	Application
Qianqian Zhang	41858149	J Cosmet Dermatol	IF
Yan Zhang	41617834	Sci Rep	IHC

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

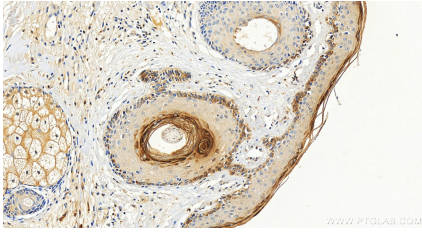
T: 4006900926

E: Proteintech-CN@ptglab.com

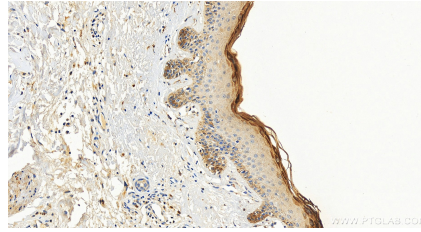
W: ptgcn.com

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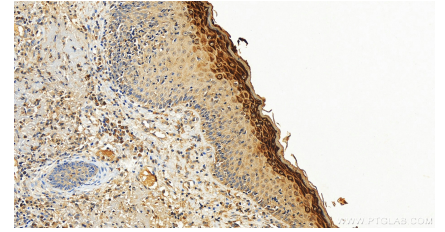
Selected Validation Data



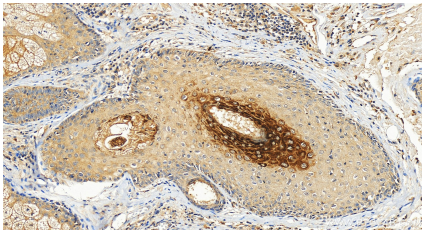
Immunohistochemical analysis of paraffin-embedded human paracancerous of skin squamous cell cancer tissue slide using 26931-1-AP (Filaggrin antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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