

For Research Use Only

Filaggrin Polyclonal antibody, PBS Only

Catalog Number: 26931-1-PBS



Basic Information

Catalog Number: 26931-1-PBS	GenBank Accession Number: NM_002016	Purification Method: Antigen affinity purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2312	
Source: Rabbit	UNIPROT ID: P20930	
Isotype: IgG	Full Name: filaggrin	
Immunogen Catalog Number: AG25389	Calculated MW: 435 kDa	

Applications

Tested Applications:
IHC, Indirect ELISA

Species Specificity:
human

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 atopica 2. (PMID: 19386895, 16550169)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

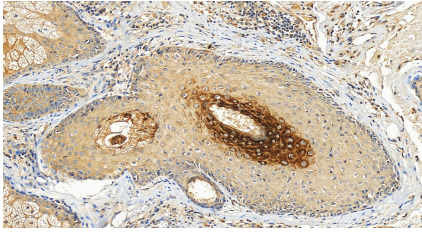
For technical support and original validation data for this product please contact:

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

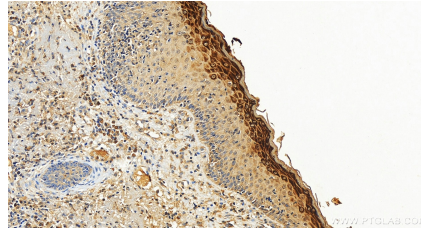
E: proteintech@ptglab.com
W: ptglab.com

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

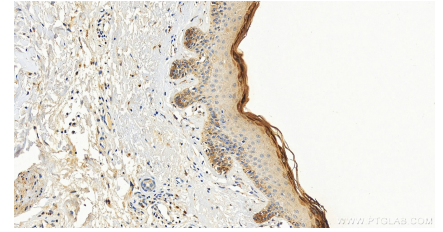
Selected Validation Data



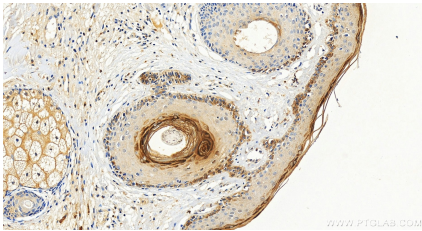
Immunohistochemical analysis of paraffin-embedded human skin squamous cell cancer tissue slide using 26931-1-AP (Filaggrin antibody) at dilution of 1:600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 26931-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human 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). This data was developed using the same antibody clone with 26931-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 26931-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 26931-1-PBS in a different storage buffer formulation.