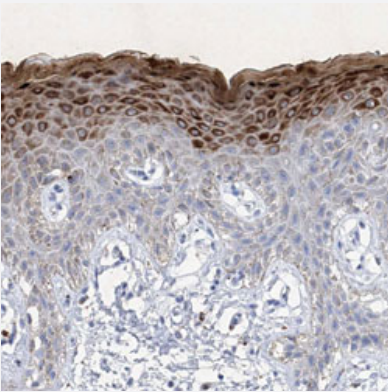


FLG polyclonal antibody

Catalog # PAB31145 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human vulva/anal skin with FLG polyclonal antibody (Cat # PAB31145) shows strong cytoplasmic positivity in superficial layer of squamous epithelium.

Specification

Product Description	Rabbit polyclonal antibody raised against partial recombinant human FLG.
Immunogen	Recombinant protein corresponding to human FLG.
Sequence	SADSSRQSGTPHAETSSGGQAASSHEQARSSPGERHGSRHQQSADSSRHSGIPRRQASSAVR DSGHWGSSGSQASDSEGHSEESDTQSVSGHGGDGP HQQSHQESAR
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:2500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).

Storage Instruction

Store at 4°C for short term storage. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Gene Info — FLG

Entrez GeneID

[2312](#)

Protein Accession#

[P20930](#)

Gene Name

FLG

Gene Alias

ATOD2

Gene Description

filaggrin

Omim ID

[135940](#) [146700](#) [603165](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Profilaggrin is a major protein component of the keratohyalin granules of mammalian epidermis. It is initially expressed as a large polypeptide precursor which is subsequently proteolytically processed into individual functional filaggrin molecules. The filaggrins show wide species variations and their aberrant expression has been implicated in a number of keratinizing disorders (Baden et al., 1974 [PubMed 4132224]; Holbrook et al., 1982 [PubMed 6174530]; Sybert et al., 1985 [PubMed 2579164]).[supplied by OMIM]

Other Designations

OTTHUMP00000014057|epidermal filaggrin

Disease

- [Alopecia Areata](#)
- [Arthritis](#)
- [Asthma](#)

- [Bronchial Hyperreactivity](#)
- [Chronic Disease](#)
- [Dermatitis](#)
- [Disease Progression](#)
- [Eczema](#)
- [Food Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Hearing](#)
- [Hearing Loss](#)
- [Hypersensitivity](#)
- [Ichthyosis](#)
- [Ichthyosis Vulgaris](#)
- [Inflammatory Bowel Diseases](#)
- [Kaposi Varicelliform Eruption](#)
- [Psoriasis](#)
- [Respiratory Sounds](#)
- [Rhinitis](#)
- [Skin Diseases](#)