

# Anti-FLG / Filaggrin Antibody

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18377

## Product Information

---

|                              |                        |
|------------------------------|------------------------|
| <b>Application</b>           | WB, IHC-P              |
| <b>Primary Accession</b>     | <a href="#">P20930</a> |
| <b>Predicted</b>             | Human, Mouse, Rat      |
| <b>Host</b>                  | Rabbit                 |
| <b>Clonality</b>             | Polyclonal             |
| <b>Calculated MW</b>         | 435170                 |
| <b>Concentration (mg/ml)</b> | 1 mg/ml                |

## Additional Information

---

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>                      | 2312                                                                                                            |
| <b>Alias Symbol</b>                 | FLG                                                                                                             |
| <b>Other Names</b>                  | FLG, ATOD2, Epidermal filaggrin, Filaggrin                                                                      |
| <b>Target/Specificity</b>           | Human FLG / Filaggrin                                                                                           |
| <b>Reconstitution &amp; Storage</b> | Immunoaffinity purified                                                                                         |
| <b>Precautions</b>                  | Anti-FLG / Filaggrin Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

---

|                          |                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | FLG                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Function</b>          | Aggregates keratin intermediate filaments and promotes disulfide-bond formation among the intermediate filaments during terminal differentiation of mammalian epidermis.                                                                                                                                                                                                                       |
| <b>Cellular Location</b> | Cytoplasmic granule. Note=In the stratum granulosum of the epidermis, localized within keratohyalin granules (PubMed:1429717). In granular keratinocytes and in lower corneocytes, colocalizes with calpain-1/CAPN1 (PubMed:21531719).                                                                                                                                                         |
| <b>Tissue Location</b>   | Expressed in skin, thymus, stomach, tonsils, testis, placenta, kidney, pancreas, mammary gland, bladder, thyroid, salivary gland and trachea, but not detected in heart, brain, liver, lung, bone marrow, small intestine, spleen, prostate, colon, or adrenal gland (PubMed:19384417). In the skin, mainly expressed in stratum granulosum of the epidermis (PubMed:1429717, PubMed:19384417) |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.