

## Datasheet for ABIN7638995 **anti-Filaggrin antibody**

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### Overview

|              |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                                                 |
| Target:      | Filaggrin (FLG)                                                                                        |
| Reactivity:  | Human                                                                                                  |
| Host:        | Rabbit                                                                                                 |
| Clonality:   | Polyclonal                                                                                             |
| Conjugate:   | This Filaggrin antibody is un-conjugated                                                               |
| Application: | Immunohistochemistry (IHC), Western Blotting (WB), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

### Product Details

|               |                                                                                                                                                                              |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:      | Polyclonal Antibody to Filaggrin (FLG)                                                                                                                                       |
| Immunogen:    | RPJ103Hu02Recombinant Filaggrin (FLG)                                                                                                                                        |
| Isotype:      | IgG                                                                                                                                                                          |
| Specificity:  | The antibody is a rabbit polyclonal antibody raised against FLG. It has been selected for its ability to recognize FLG in immunohistochemical staining and western blotting. |
| Purification: | Antigen-specific affinity chromatography followed by Protein A affinity chromatography                                                                                       |

### Target Details

|                   |                                            |
|-------------------|--------------------------------------------|
| Target:           | Filaggrin (FLG)                            |
| Alternative Name: | Filaggrin ( <a href="#">FLG Products</a> ) |

## Target Details

|             |                                                                                     |
|-------------|-------------------------------------------------------------------------------------|
| Background: | Profilaggrin                                                                        |
| UniProt:    | <a href="#">P20930</a>                                                              |
| Pathways:   | <a href="#">Sensory Perception of Sound</a> , <a href="#">Stem Cell Maintenance</a> |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                     |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Western blotting: 0.01-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.                                                                                                                                                                        |
| Comment:           | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                               |

## Handling

|                    |                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                          |
| Concentration:     | 0.31 mg/mL                                                                                                                                                      |
| Buffer:            | 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.                                                                                                |
| Preservative:      | ProClin                                                                                                                                                         |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                               |
| Storage:           | 4 °C, -20 °C                                                                                                                                                    |
| Storage Comment:   | Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |