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## anti-Desmoglein 1 antibody (AA 710-961)





### Overview

| Quantity:            | 100 μL   |
|----------------------|--|
| Target:              | Desmoglein 1 (DSG1)  |
| Binding Specificity: | AA 710-961   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This Desmoglein 1 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC) |

### **Product Details**

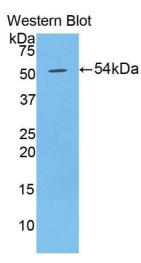
| Purpose:          | Polyclonal Antibody to Desmoglein 1 (DSG1)   |
|-------------------|--|
| тигрозс.          | 1 diyolonal Antibody to besimogicin 1 (bod1)   |
| Immunogen:        | Recombinant Desmoglein 1 (DSG1) corresdonding to Glu710~Val961 with N-terminal His Tag         |
| Isotype:          | IgG  |
| Specificity:      | The antibody is a rabbit polyclonal antibody raised against DSG1. It has been selected for its |
|                   | ability to recognize DSG1 in immunohistochemical staining and western blotting.                |
| Cross-Reactivity: | Mouse, Rat   |
| Purification:     | Antigen-specific affinity chromatography followed by Protein A affinity chromatography         |

### **Target Details**

Expiry Date:

24 months

| l arget Details     |   |
|---------------------|---|
| Target:             | Desmoglein 1 (DSG1)   |
| Alternative Name:   | Desmoglein 1 (DSG1 Products)  |
| Background:         | CDHF4, DG1, DSG, Cadherin family member 4, Desmosomal glycoprotein 1, Pemphigus foliaceus antigen   |
| Pathways:           | Cell-Cell Junction Organization   |
| Application Details |   |
| Application Notes:  | Western blotting: 0.5-2 $\mu$ g/mL Immunohistochemistry: 5-20 $\mu$ g/mL Immunocytochemistry: 5-20 $\mu$ g/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  |
| 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.   |
| Evenim / Data       |   |



### **Western Blotting**

Image 1. Detection of Recombinant DSG1, Human using Polyclonal Antibody to Desmoglein 1 (DSG1)