

Desmocollin 3 Rabbit pAb

Catalog No.: A22232

Basic Information

Observed MW

102kDa

Calculated MW

100kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Rat

Background

The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Mutations in this gene are a cause of hypotrichosis and recurrent skin vesicles disorder. The protein can act as an autoantigen in pemphigus diseases, and it is also considered to be a biomarker for some cancers. Alternative splicing of this gene results in multiple transcript variants.

Recommended Dilutions

WB 1:100 - 1:500

Immunogen Information

Gene ID

1825

Swiss Prot

Q14574

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 576-690 of human Desmocollin 3 (NP_001932.2).

Synonyms

DSC; DSC1; DSC2; DSC4; CDHF3; HT-CP; Desmocollin 3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

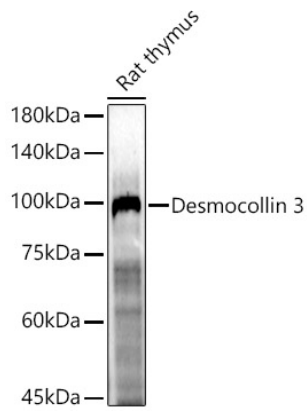
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of Rat thymus, using Desmocollin3 antibody (A22232) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 180s.