

DSG3 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14672a**Specification**

DSG3 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	P32926
Other Accession	NP_001935.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	107533
Antigen Region	8-36

DSG3 Antibody (N-term) - Additional Information**Gene ID** 1830**Other Names**

Desmoglein-3, 130 kDa pemphigus vulgaris antigen, PVA, Cadherin family member 6, DSG3, CDHF6

Target/Specificity

This DSG3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-36 amino acids from the N-terminal region of human DSG3.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DSG3 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

DSG3 Antibody (N-term) - Protein Information**Name** DSG3 ([HGNC:3050](#))**Synonyms** CDHF6

Function Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Cell junction, desmosome

Tissue Location

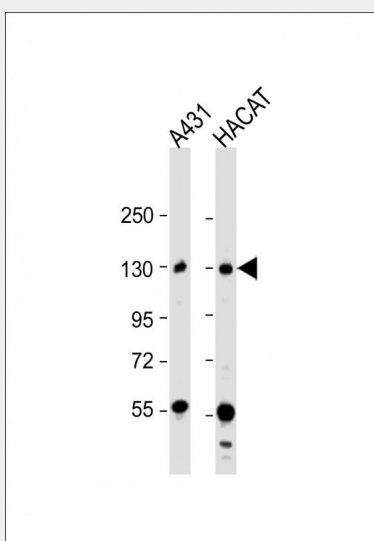
Epidermis, tongue, tonsil, esophagus and carcinomas. Expressed in skin and mucosa (at protein level) (PubMed:30528827).

DSG3 Antibody (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DSG3 Antibody (N-term) - Images



All lanes : Anti-DSG3 Antibody (N-term) at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: HACAT whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 108 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

DSG3 Antibody (N-term) - Background

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 3 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the

cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. This protein has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus vulgaris.

DSG3 Antibody (N-term) - References

Baican, A., et al. Int. J. Dermatol. 49(7):768-774(2010)
Jolly, P.S., et al. J. Biol. Chem. 285(12):8936-8941(2010)
Capon, F., et al. Br. J. Dermatol. 161(6):1403-1405(2009)
Aoyama, Y., et al. Exp. Dermatol. 18(4):404-408(2009)
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