

**DSG3 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14672a****Specification**

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**DSG3 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [P32926](#)**DSG3 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1830**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DSG3 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **DSG3 Antibody (N-term) Blocking Peptide - Images**

### **DSG3 Antibody (N-term) Blocking Peptide - 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) Blocking Peptide - 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) Latourelle, J.C., et al. BMC Med. Genet. 10, 98 (2009) :