

Product datasheet for **AP51324PU-N**

Desmoglein 3 (DSG3) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 7-36 amino acids from the N-terminal region of Human Desmoglein-3
Specificity:	This antibody recognizes Human Desmoglein-3 (N-term).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	desmoglein 3
Database Link:	Entrez Gene 1830 Human P32926



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Background:

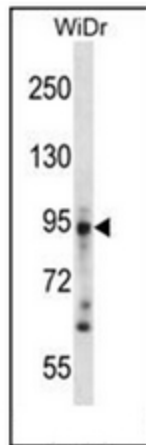
Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 3 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members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

Synonyms:

DSG3, CDHF6, PVA, 130 kDa pemphigus vulgaris antigen

Note:

Molecular Weight: 107533 Da

Product images:

Western blot analysis of Desmoglein-3 Antibody (N-term) in WiDr cell line lysates (35ug/lane). This demonstrates the DSG3 antibody detected the DSG3 protein (arrow).