

Product datasheet for **AP14590PU-N**

Desmoglein 2 (DSG2) (N-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/50 - 1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the N-terminal region of human DSG2.
Specificity:	This antibody reacts to DSG2.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody 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 2
Database Link:	Entrez Gene 1829 Human Q14126



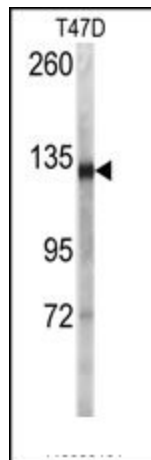
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Background:

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This protein 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 second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines. Mutations in the DSG2 gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10.

Synonyms:

DSG2, CDHF5, HDGC

Product images:

Western blot analysis of anti-DSG2 Antibody (N-term) in T47D cell line lysates (35ug/lane). DSG2 (arrow) was detected using the purified Pab.