

## Rabbit anti-Human Desmoglein-2 Polyclonal Antibody | anti-DSG2 antibody

Desmoglein-2 antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                       |
|-----------|--------|------------|------------------------------------|
| AAA302720 | Rabbit | Human      | Immunohistochemistry, Western Blot |

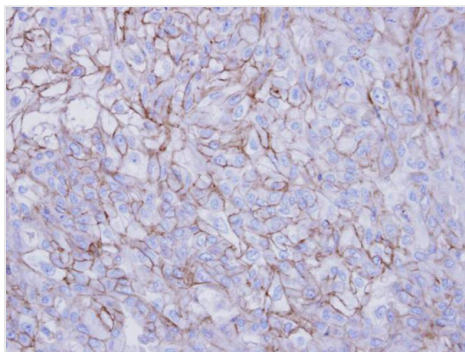
### PRODUCT SYNONYMS

Desmoglein-2; Polyclonal Antibody; Desmoglein-2 antibody; anti-DSG2 antibody

### PRODUCT SPECIFICATIONS

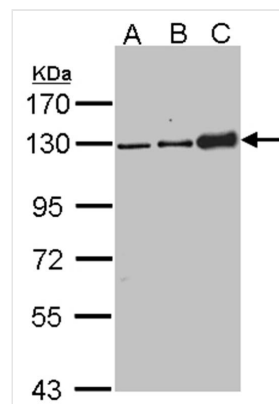
|                                                |                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                 |
| Reactivity                                     | Human                                                                                                                  |
| Clonality                                      | Polyclonal                                                                                                             |
| Purity/Purification                            | Purified by antigen-affinity chromatography.                                                                           |
| Form/Format                                    | Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.         |
| Sequence Length                                | 1118                                                                                                                   |
| Applicable Applications for anti-DSG2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                          |
| Immunogen Type                                 | Recombinant protein                                                                                                    |
| Immunogen Description                          | Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 176 of Desmoglein-2 |
| Target Name                                    | Desmoglein-2                                                                                                           |
| Preparation and Storage                        | Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.                |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded DU145 xenograft, using Desmoglein-2 antibody at 1: 100 dilution.



#### Application Data

Sample (30 ug of whole cell lysate) A: 293T B: H1299 C: Molt-4 7.5% SDS PAGE Primary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DSG2 antibody | Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This gene product 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 this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10. [provided by RefSeq] |
| Product Categories/Family for anti-DSG2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                     |
|----------------------------------|-------------------------------------|
| NCBI GI #                        | 116534898                           |
| NCBI GeneID                      | 1829                                |
| NCBI Accession #                 | NP_001934                           |
| NCBI GenBank Nucleotide #        | NM_001943.3                         |
| Molecular Weight                 | 122,294 Da                          |
| NCBI Official Full Name          | desmoglein-2 preproprotein          |
| NCBI Official Synonym Full Names | desmoglein 2                        |
| NCBI Official Symbol             | DSG2                                |
| NCBI Official Synonym Symbols    | HDGC; CDHF5; ARVC10; ARVD10; CMD1BB |
| NCBI Protein Information         | desmoglein-2                        |
| UniProt Protein Name             | Desmoglein-2                        |
| UniProt Gene Name                | DSG2                                |
| UniProt Synonym Gene Names       | CDHF5                               |
| UniProt Entry Name               | DSG2_HUMAN                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/desmoglein-2-antibody-immunohistochemistry-western-blot-elisa/302720>