

## Rabbit anti-Human DSC1 Polyclonal Antibody | anti-DSC1 antibody

DSC1 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA305142</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

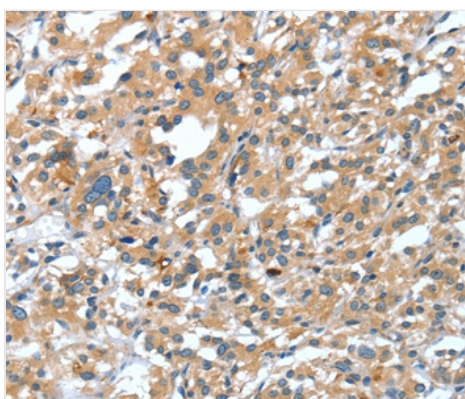
### PRODUCT SYNONYMS

DSC1; Polyclonal Antibody; DSC1 Antibody; CDHF1; DG2/DG3; anti-DSC1 antibody

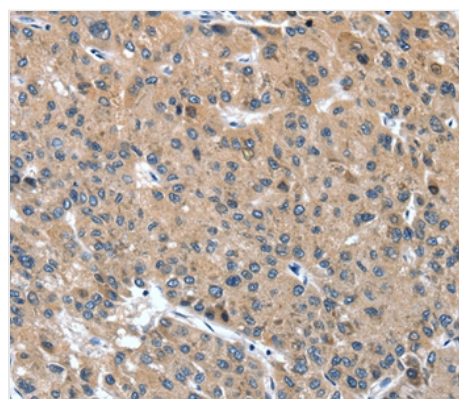
### PRODUCT SPECIFICATIONS

|                                                |                                                                                        |
|------------------------------------------------|----------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                 |
| Reactivity                                     | Human                                                                                  |
| Clonality                                      | Polyclonal                                                                             |
| Specificity                                    | The antibody detects endogenous levels of total DSC1 protein.                          |
| Purity/Purification                            | Antigen affinity purification.                                                         |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                        |
| Concentration                                  | 2.8 mg/ml (varies by lot)                                                              |
| Sequence Length                                | 840                                                                                    |
| Applicable Applications for anti-DSC1 antibody | IHC (Immunohistochemistry)                                                             |
| Immunogen Type                                 | Peptide                                                                                |
| Immunogen Description                          | Synthetic peptide corresponding to residues near the C terminal of human desmocollin 1 |
| Target Name                                    | DSC1                                                                                   |
| Preparation and Storage                        | Store at -20 degree C                                                                  |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/40.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using at dilution 1/40.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DSC1 antibody | The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Alternative splicing results in two transcript variants encoding distinct isoforms. |
| Product Categories/Family for anti-DSC1 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 4826702                                   |
| NCBI GeneID                      | 1823                                      |
| NCBI Accession #                 | NP_004939.1                               |
| NCBI GenBank Nucleotide #        | NM_004948.3                               |
| UniProt Accession #              | Q08554; Q9HB01                            |
| Molecular Weight                 | 93,835 Da                                 |
| NCBI Official Full Name          | desmocollin-1 isoform Dsc1b preproprotein |
| NCBI Official Synonym Full Names | desmocollin 1                             |
| NCBI Official Symbol             | DSC1                                      |
| NCBI Official Synonym Symbols    | CDHF1; DG2/DG3                            |
| NCBI Protein Information         | desmocollin-1                             |
| UniProt Protein Name             | Desmocollin-1                             |
| UniProt Gene Name                | DSC1                                      |
| UniProt Synonym Gene Names       | CDHF1; DG2/DG3                            |
| UniProt Entry Name               | DSC1_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://stage.aaabiotech.com/polyclonal/dsc1-antibody-immunohistochemistry-elisa/305142>