

## Rabbit anti-Human, Mouse DSP Polyclonal Antibody | anti-DSP antibody

DSP Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA305944</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

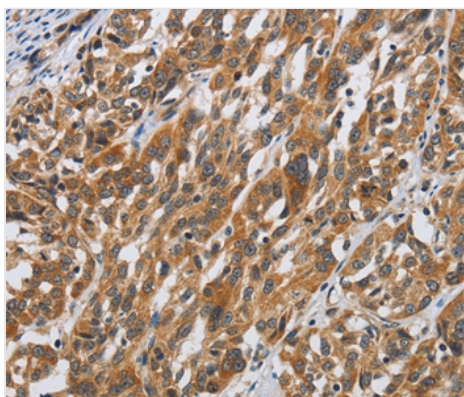
### PRODUCT SYNONYMS

DSP; Polyclonal Antibody; DSP Antibody; DP; DPI; DPII; anti-DSP antibody

### PRODUCT SPECIFICATIONS

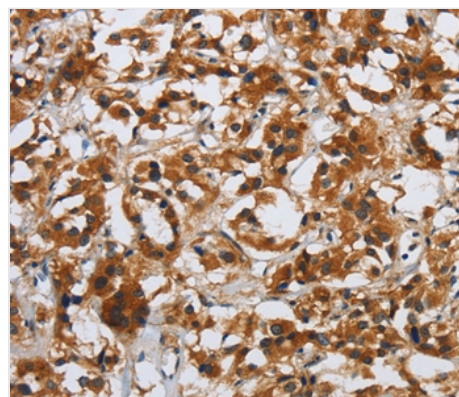
|                                               |                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                          |
| Reactivity                                    | Human, Mouse                                                                                    |
| Clonality                                     | Polyclonal                                                                                      |
| Specificity                                   | Desmoplakin 1 and Desmoplakin 2                                                                 |
| Purity/Purification                           | Antigen affinity purification.                                                                  |
| Form/Format                                   | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                 |
| Concentration                                 | 2.5 mg/ml (varies by lot)                                                                       |
| Sequence Length                               | 2272                                                                                            |
| Applicable Applications for anti-DSP antibody | IHC (Immunohistochemistry)                                                                      |
| Immunogen Type                                | Peptide                                                                                         |
| Immunogen Description                         | Synthetic peptide corresponding to a region derived from internal residues of human desmoplakin |
| Target Name                                   | DSP                                                                                             |
| Preparation and Storage                       | Store at -20 degree C                                                                           |

### IMAGES



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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

ADDITIONAL INFORMATION

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|---------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DSP antibody | Desmosomes are intercellular junctions that tightly link adjacent cells. Desmoplakin is an obligate component of functional desmosomes that anchors intermediate filaments to desmosomal plaques. The N-terminus of desmoplakin is required for localization to the desmosome and interacts with the N-terminal region of plakophilin 1 and plakoglobin. The C-terminus of desmoplakin binds with intermediate filaments. In the mid-region of desmoplakin, a coiled-coiled rod domain is responsible for homodimerization. Mutations in this gene are the cause of several cardiomyopathies and keratodermas as well as the autoimmune disease paraneoplastic pemphigus. |
| Product Categories/Family for anti-DSP antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 58530842                                       |
| NCBI GeneID                      | 1832                                           |
| NCBI Accession #                 | NP_001008844.1                                 |
| NCBI GenBank Nucleotide #        | NM_001008844.1                                 |
| UniProt Accession #              | P15924; O75993; Q14189; Q9UHN4; B2RTT2; D7RX09 |
| Molecular Weight                 | 278,916 Da                                     |
| NCBI Official Full Name          | desmoplakin isoform II                         |
| NCBI Official Synonym Full Names | desmoplakin                                    |
| NCBI Official Symbol             | DSP                                            |
| NCBI Official Synonym Symbols    | DP; DPI; DPII; DCWHKTA                         |
| NCBI Protein Information         | desmoplakin                                    |
| UniProt Protein Name             | Desmoplakin                                    |
| UniProt Gene Name                | DSP                                            |
| UniProt Synonym Gene Names       | DP                                             |
| UniProt Entry Name               | DESP_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dsp-antibody-immunohistochemistry-elisa/305944>