

## DSC1 Antibody

Catalog No: #37529

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

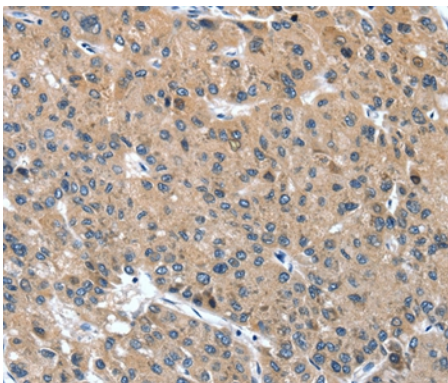
## Description

|                       |  |
|-----------------------|--|
| Product Name          | DSC1 Antibody  |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Purification          | Antigen affinity purification.   |
| Applications          | IHC  |
| Species Reactivity    | Hu   |
| Specificity           | The antibody detects endogenous levels of total DSC1 protein.                          |
| Immunogen Type        | Peptide  |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human desmocollin 1 |
| Target Name           | DSC1   |
| Other Names           | CDHF1; DG2/DG3   |
| Accession No.         | Swiss-Prot#: Q08554NCBI Gene ID: 1823Gene Accssion: NP_077739                          |
| Uniprot               | Q08554   |
| GeneID                | 1823;  |
| Concentration         | 2.8mg/ml   |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                        |
| Storage               | Store at -20°C   |

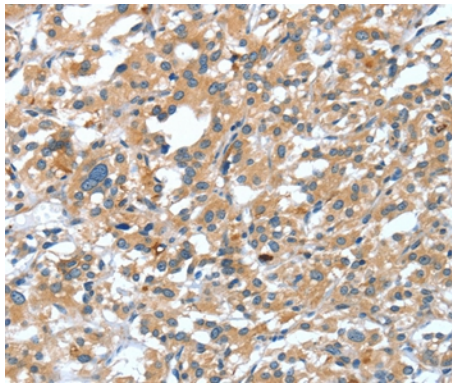
## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37529 at dilution 1/40.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37529 at dilution 1/40.

## Background

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.

Note: This product is for in vitro research use only