

## Desmocollin 2 Polyclonal Antibody

Catalog number: 13876-1-AP

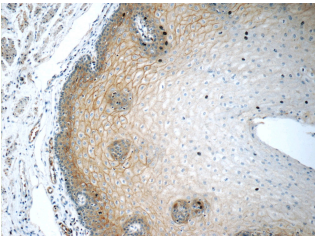
Size: 20 µg/150 µl

Source: Rabbit

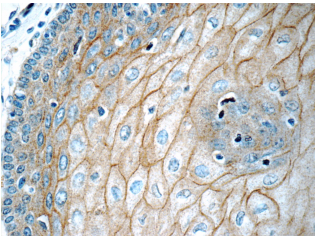
Isotype: IgG

Synonyms:

DSC2; ARVD11, Cadherin family member 2, CDHF2, desmocollin 2, Desmocollin 3, Desmosomal glycoprotein II, Desmosomal glycoprotein III, DG2, DGII/III, DKFZp686l11137, DSC2, DSC3



Immunohistochemistry of paraffin-embedded human oesophagus tissue slide using 13876-1-AP (DSC2 Antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemistry of paraffin-embedded human oesophagus tissue slide using 13876-1-AP (DSC2 Antibody) at dilution of 1:50 (under 40x lens)

### Background

Desmocollin 2 (DSC2) is a member of the desmocollin subfamily of the cadherin superfamily. The desmocollins (DSC1-3), along with the desmogleins (DSG1-4), are found primarily in epithelia and cardiac muscle where they constitute the adhesive proteins of the intercellular desmosome junctions and are required for cell adhesion and desmosome formation. Mutations in DSC2 gene are associated with arrhythmogenic right ventricular dysplasia-11.

### Applications

Tested applications:	ELISA, IHC
Species specificity:	Human; other species not tested.
Calculated Desmocollin 2 MW:	100 kDa
Observed Desmocollin 2 MW:	
Positive IHC detected in	Human oesophagus tissue
Recommended dilution:	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4956
GenBank accession number:	BC063291
Gene ID (NCBI):	1824
Full name:	Desmocollin 2

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.