

Product datasheet for **TA307897**

Desmocollin 2 (DSC2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 480 and 706 of Desmocollin 2 (Uniprot ID#Q02487)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	94 kDa
Gene Name:	desmocollin 2
Database Link:	NP_004940 Entrez Gene 13506 Mouse Entrez Gene 1824 Human Q02487
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. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia-11. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq]



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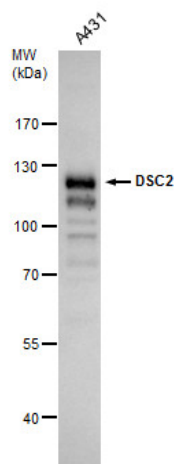
Synonyms: ARVD11; CDHF2; DG2; DGII; DSC3; III

Note: Seq homology of immunogen across species: Mouse (80%)

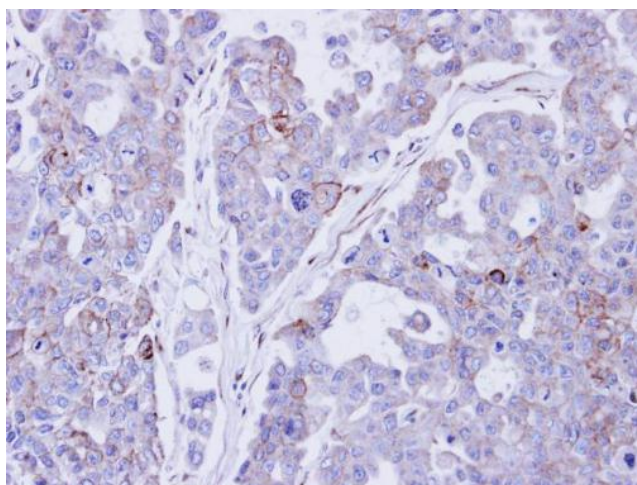
Protein Families: Transmembrane

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC)

Product images:



Desmocollin 2 antibody [C1C2], Internal detects Desmocollin 2 protein by western blot analysis. Whole cell extracts (30 ug) was separated by 7.5 % SDS-PAGE, and blotted with Desmocollin 2 antibody [C1C2], Internal (TA307897) diluted by 1:500



Immunohistochemical analysis of paraffin-embedded OVCAR3 xenograft, using Desmocollin 2 (TA307897) antibody at 1:500 dilution.