

DNAPAb

Hard-to-Find
Antibody

DSC2 DNAPAb

Catalog # H00001824-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human DSC2 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MEAARPSGSWNGALCRLLLTLAILFASDACKNVTLHVPSKLD AEKLVGRVNLKECFTAANLIHS SDPDFQILEDG SVYTTNTILLSSEKRSFTILLSNTENQEKKKIFVLEHQTKVLKKRHTKEKVL RRAK RRWAPIPCSMLENSLGPFLFLQQVQSDTAQNYTIYSIRGPGVDQEPRNLFYVERDTGNLYCTR P VDREQYESFEIIAFATPDGYTPELPLPLIIKIEDENDNYIFTEETYFTIFENCRVGTTVGQVCATDK DEPDTMHTRLKYSIIGQVPPSPTLFSMHPTTGVTITSSQLDRELIDKYQLKIKVQDMDGQYFGLQTT STCIINDDVNDHLPFTFRTSYVTSVEENTVDVEILRVTVEDKDLVNTANWRANYTILKGNENG NFKIV TDAKTNEGVLCVVKPLNYEEKQQMILQIGVVNEAPFSREASPRSAMSTATVTNVNEDQDEGPEC NPPIQTVRMKENAEVGTTSNGYKAYDPETRSSSGIRYKKLTDPTGWVTIDENTGSIKVFRSLDREA ETIKNGYNITVLASDQGGRTCTGTLGIIQLQDVNDNSPFIPKKTVIICKPTMSSAENAVDPDEPIHGPP FDFSLESSTSEVQRMWRLKAINDTAARLSYQNDPPFGSYVVPITVRDRLGMSSVTSLDVTLCD C ITENDCTHRVDPRIGGGGVQLGKWAILAILLGIALLCILFTLVCGASGTSKQPKVIPDDLAQQNLVSN TEAPGDDKVYSANGFTTQTVGASAQGVC GTVGSGIKNGGQETIEMVKGGHQTSESCRGAGHHHT LDSCRGGHTEVDNCRYTSEWHSFTQPRLGEESIRGHTLIKN
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — DSC2

Entrez GeneID [1824](#)

GeneBank Accession# [NM_004949.2](#)

Protein Accession# [NP_004940.1](#)

Gene Name DSC2

Gene Alias ARVD11, CDHF2, DG2, DGI/III, DKFZp686I11137, DSC3

Gene Description desmocollin 2

Omim ID [125645 610476](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations desmosomal glycoprotein II/III

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)

Disease

- [Arrhythmias](#)
- [Arrhythmogenic Right Ventricular Dysplasia](#)
- [Cardiomyopathy](#)
- [Genetic Predisposition to Disease](#)