

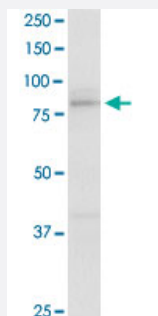
MaxPab®

DSC2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00001824-D01P

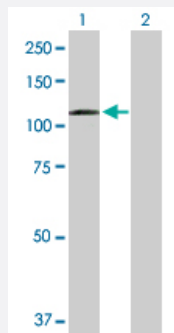
Size 100 ug

Applications



Western Blot (Tissue lysate)

DSC2 MaxPab rabbit polyclonal antibody. Western Blot analysis of DSC2 expression in human stomach.



Western Blot (Transfected lysate)

Western Blot analysis of DSC2 expression in transfected 293T cell line ([H00001824-T02](#)) by DSC2 MaxPab polyclonal antibody.

Lane 1: DSC2 transfected lysate(93.80 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human DSC2 protein.

Immunogen

DSC2 (NP_004940.1, 1 a.a. ~ 847 a.a) full-length human protein.

Sequence

MEAARPSGSWNGALCRLLLTLAILIFASDACKNVTLHVPSKLD AEKLVGRVNLKECFTAANLIHS
SDPDFQILEDG SVYTTNTILLSSEKRSFTILLSNTENQEKKKIFVFLEHQTKVLKKRHTKEKVLRAK
RRWAPIPCSMLENSLGPFLFLQQVQSDTAQNYTYYSIRGPGVDQEPRNLFYVERDTGNLYCTR
VDREQYESFEIIFATTPDGYTPELPLPLI KIEDENDNYIFTEETYFTIFENCRVGTTVGQVCATDK
DEPDTMHTRLKYIIGQVPPSPTLFSMHP TTGVITTTSSQLDRELIDKYQLKIKVQDMDGQYFGLQTT
STCIINDDVNDHLPFTFRTSYVTSVEENTVDVEILRVTVEDKDLVNTANWRANYTILKGNENGNFKIV
TDAKTNEGVLCVVKPLNYEEKQQMILQIGVVNEAPFSREASPRSAMSTATVTVNVEDQDEGPEC
NPPIQTVRMKENAEVGTTSNGYKAYDPETRSSSGIRYKKLTDPTGWVTIDENTGSIKVFRSLDREA
ETIKNGYINITVLASDQGGRTCTGTGILQDVNDNSPFI PKKTVICKPTMSSAEIVAVDPDEPIHGPP
FDFSLESSTSEVQRMWRLKAINDTAARLSYQN DPPPFGSYVVPITVRDLGMSSVTSLDVTLCD C
ITENDCTHRVDPRIGGGGVQLGKWAILL GIALLCILFTLVCGASGTSKQPKVIPDDLAQQNLVSN
TEAPGDDKVYSANGFTTQTVGASAQGVC GTVGSIGKNGGQETIEMVKGGHQTSESCRGAGHHHT
LDSCRGGHTEVDNCRYTYSEWHSFTQPRLGEESIRGHTLIKN

Host

Rabbit

Reactivity

Human

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 (Tissue lysate)

DSC2 MaxPab rabbit polyclonal antibody. Western Blot analysis of DSC2 expression in human stomach.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of DSC2 expression in transfected 293T cell line ([H00001824-T02](#)) by DSC2 MaxPab polyclonal antibody.

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[Protocol Download](#)

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](#)