



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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**DSC2 purified MaxPab rabbit polyclonal antibody (D01P)** MaxPab®

Catalog # : H00001824-D01P

規格 : [ 100 ug ]

[List All](#)

**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:**  
 MEAAPSGSWGALCRLLLTLAILFASDACKNVTLHVPSKLD AEKLVG  
 RVNLKECF TAANLIHSSDPDFQILEDG SVYTTNTILL SSEKRSFTILLSNTE  
 NQEKKKIFV FLEHQTKVLKKRHTKEKVL RRAKRRWAPIPC SMLENSLGPF  
 PLFLQQVSDTAQNYTIYYSIRGPGVDQEPRNLFYVERDTGNLYCTR PV  
 DREQYESFEIIAFATTPDGYP ELPPLPLIKIEDENDNYPIFTEETYFTIFEN  
 CRVGTTVGQVCATDKDEPDTMHTRLKYSIIGQVPPSPTLFSMHPTTG VIT  
 TTSSQLDRELIDKYQLKIKVQDMDGQYFGLQTTSTCIINIDVDNDHLPFTT  
 RTSYVTSVEENTVDVEILRVTVEDKDLVNTANWRANYTILKGNENGNFKIV  
 TDAKTNEGVL CVVKPLNYEEKQQMILQIGVVNEAPF SREASPRSAMSTAT  
 VTVNVEDQDEGPECNPIQTVMKENA EVGTT SNGYKAYDPETR SSSGI  
 RYKKLTDPTGWVTIDENTGSIK VFRSLDREAETIKNGIYNITVLASDQGG R  
 TCTGTLG IILQDVNDNSPFIPKKT VICKPTMSSAEIVAVDPDEPIHGPPDF  
 SLESSTSEVQRMWRLK AINDTAARLSYQNDPPFGSYVVPITVRDRLGMS  
 SVTSLDVTLCDCITENDCTHRVDPRIGGGGVQLGKWAILAILLGIALLFCIL  
 FTLVCGASGTSKQPKVIPDDLAQQNLIVSNTEAPGDDKVYSANGFTTQT  
 VGASAQGVCGTVGSGIKNGGQETIEMVKGGHQTSESCRGAGHHHTLDS  
 CRGGHTEVDNCRYTYSEWHSFTQPRLGEESIRGHTLIKN

**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.

**MSDS:** [Download](#)

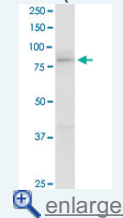
**Datasheet:** [Download](#)

**Applications**

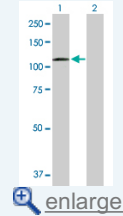
**Western Blot (Tissue lysate)**

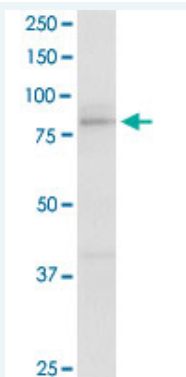
**Application Image**

Western Blot (Tissue lysate)



Western Blot (Transfected lysate)

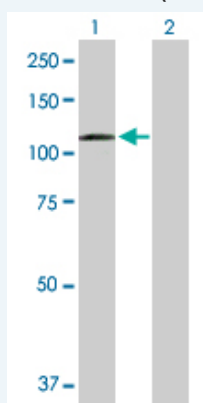




DSC2 MaxPab rabbit polyclonal antibody. Western Blot analysis of DSC2 expression in human stomach.

 [Protocol Download](#)


#### Western Blot (Transfected lysate)



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

Lane 1: DSC2 transfected lysate(93.80 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

#### Gene Information

**Entrez GeneID:** [1824](#)

**GeneBank** [NM\\_004949.2](#)

**Accession#:**

**Protein** [NP\\_004940.1](#)

**Accession#:**

**Gene Name:** DSC2

**Gene Alias:** ARVD11,CDHF2,DG2,DGII/III,DKFZp686I11137,DSC3

**Gene** desmocollin 2

**Description:**

**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]

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**Other Designations:** desmosomal glycoprotein II/III

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**Gene Pathway**

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Arrhythmogenic right ventricular cardiomyopathy (ARVC)

**Related Disease**

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Arrhythmias, Cardiac Arrhythmogenic Right Ventricular Dysplasia Cardiomyopathy, Dilated Genetic Predisposition to Disease

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