

Rabbit anti-Human Desmocollin 2/DSC2 Polyclonal Antibody | anti-DSC2 antibody

Anti-Desmocollin 2/DSC2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255181	Rabbit	Human	Immunohistochemistry, ELISA

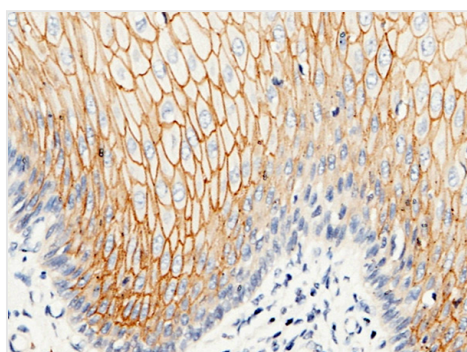
PRODUCT SYNONYMS

Desmocollin 2/DSC2; Polyclonal Antibody; Anti-Desmocollin 2/DSC2 Antibody; Rabbit Polyclonal; DSC2 Antibody; Rabbit PAb; Antigen Affinity Purified; desmocollin 2; Anti-ARVD11 Antibody; Anti-CDHF2 Antibody; Anti-DG2 Antibody; Anti-DGII/III Antibody; Anti-DSC3 Antibody; anti-DSC2 antibody

PRODUCT SPECIFICATIONS

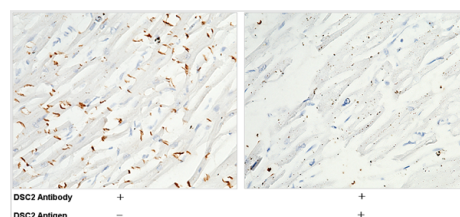
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Desmocollin 2/DSC2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-DSC2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human DSC2 protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human DSC2 (rh DSC2). DSC2 specific IgG was purified by Human DSC2 affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human DSC2 in human esophagus with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). Positive staining was localized to membrane of the squamous epithelium.



IHC (Immunohistochemistry)

Immunochemical staining of human DSC2 in human heart with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections). Positive staining was localized to intercalated disk. The left panel: tissue incubated with primary antibody; The right panel: tissue incubated with the mixture of primary antibody and antigen (recombinant protein).

ADDITIONAL INFORMATION

Related Product Information for anti-DSC2 antibody	DSC2 is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. Like other desmocollins, murine DSC2 has two products, Dsc2a and Dsc2b, produced by alternative splicing of a 46 bp exon which encodes 11 COOH-terminal aa followed by an in-frame stop codon. 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 DSC2 are associated with arrhythmogenic right ventricular dysplasia-11. DSC2 is Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. DSC2 may contribute to epidermal cell positioning by mediating differential adhesiveness between cells that express different isoforms.
References	Nuber UA, et al. (1995) The widespread human desmocollin Dsc2 and tissue-specific patterns of synthesis of various desmocollin subtypes. Eur J Cell Biol. 66 (1): 69-74.Marsden MD, et al. (1997) Cloning and transcriptional analysis of the promoter of the human type 2 desmocollin gene (DSC2). Gene. 186 (2): 237-47.Greenwood MD, et al. (1997) Exon-intron organization of the human type 2 desmocollin gene (DSC2): desmocollin gene structure is closer to "classical" cadherins than to desmogleins. Genomics. 44 (3): 330-5.

NCBI AND UNIPROT INFORMATION

NCBI GI #	38648769
NCBI GeneID	1824
UniProt Accession #	Q02487
Molecular Weight	93,769 Da
NCBI Official Full Name	Desmocollin 2
NCBI Official Synonym Full Names	desmocollin 2
NCBI Official Symbol	DSC2
NCBI Official Synonym Symbols	DG2; DSC3; CDHF2; ARVD11; DGII/III
NCBI Protein Information	desmocollin-2
UniProt Protein Name	Desmocollin-2
UniProt Gene Name	DSC2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/desmocollin-2-dsc2-antibody-immunohistochemistry-elisa/255181>