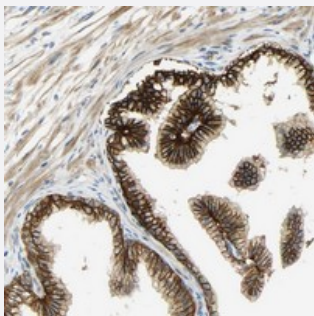


DSG2 polyclonal antibody

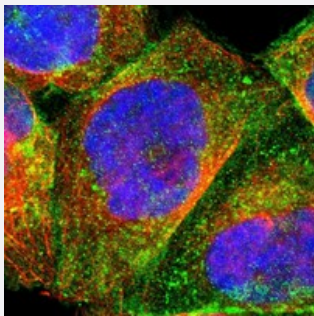
Catalog # PAB20290 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human prostate with DSG2 polyclonal antibody (Cat # PAB20290) shows strong membranous positivity in glandular cells at 1:50-1:200 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 with DSG2 polyclonal antibody (Cat # PAB20290) at 1-4 ug/mL dilution shows positivity in plasma membrane.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant DSG2.
Immunogen	Recombinant protein corresponding to amino acids of human DSG2.
Sequence	APPEDKVVPSFLPVDQGGSLVGRNGVGGMAKEATMKGSSSASIVKGQHEMSEMDGRWEEHR SLLSGRATQFTGATGAIMTTETTKTARATGASRDMAGAAQAAVALNEEFRLRNYFTDKAASYTEED ENHTAKDCLLVYSQEETESLNAS
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

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Gene Info — DSG2

Entrez GeneID	1829
Protein Accession#	Q14126
Gene Name	DSG2
Gene Alias	ARVC10, ARVD10, CDHF5, HDGC, MGC117034, MGC117036, MGC117037
Gene Description	desmoglein 2
Omim ID	125671 610193
Gene Ontology	Hyperlink

Gene Summary

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This gene product is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. This second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10 . [provided by RefSeq]

Other Designations

HDGC

Pathway

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

Disease

- [Arrhythmias](#)
- [Arrhythmogenic Right Ventricular Dysplasia](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Tachycardia](#)