

产品名称: Dsg2 Rabbit Polyclonal Antibody
产品货号: APRab10181



产品概述 (Summary)

产品名称 (Production Name)	Dsg2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DSG2
别名 (Alternative Names)	DSG2; CDHF5; Desmoglein-2; Cadherin family member 5; HDGC
基因 ID (Gene ID)	1829.0
蛋白 ID (SwissProt ID)	Q14126.The antiserum was produced against synthesized peptide derived from human DSG2. AA range:401-450

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	140kDa

研究背景 (Background)

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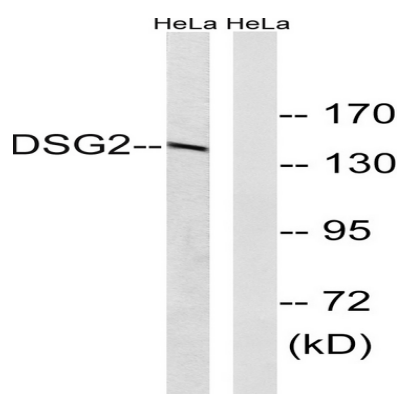


This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10. [provided by RefSeq, Jan 2016], disease: Defects in DSG2 are the cause of familial arrhythmogenic right ventricular dysplasia 10 (ARVD10) [MIM:610193]; also known as arrhythmogenic right ventricular cardiomyopathy 10 (ARVC10). ARVD is an autosomal dominant disease characterized by partial degeneration of the myocardium of the right ventricle, electrical instability, and sudden death. It is clinically defined by electrocardiographic and angiographic criteria; pathologic findings, replacement of ventricular myocardium with fatty and fibrous elements, preferentially involve the right ventricular free wall., domain: Calcium may be bound by the cadherin-like repeats., function: Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion., similarity: Contains 4 cadherin domains., tissue specificity: All of the tissues tested and carcinomas.,

研究领域 (Research Area)

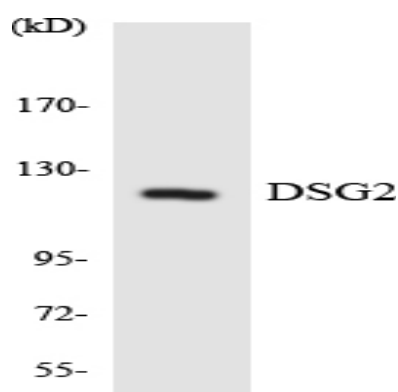
Arrhythmogenic right ventricular cardiomyopathy (ARVC);

图片 (Image Data)

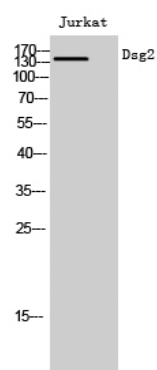


Western blot analysis of lysates from HeLa cells, using DSG2 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HUVEC cells using DSG2 antibody.



Western Blot analysis of Jurkat cells using Dsg2 Polyclonal Antibody

注意事项 (Note)

For research use only .