

Rabbit anti-Human DSG2 Polyclonal Antibody | anti-DSG2 antibody

DSG2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286227	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

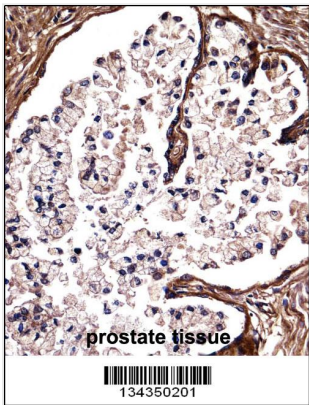
PRODUCT SYNONYMS

DSG2; Polyclonal Antibody; DSG2 Antibody (C-term); Desmoglein-2; Cadherin family member 5; HDGC; CDHF5; anti-DSG2 antibody

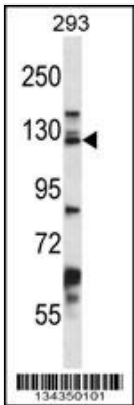
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DSG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 829-857 amino acids from the C-terminal region of human DSG2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	829-857
Sequence Length	1,118
Applicable Applications for anti-DSG2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DSG2 Antibody (C-term) (AAA286227)immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of DSG2 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
DSG2 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the DSG2 antibody detected the DSG2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DSG2 antibody	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.
Product Categories/Family for anti-DSG2 antibody	Cancer; Cardiovascular; Signal transduction
References	Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Fressart, V., et al. Europace 12(6):861-868(2010) Schlegel, N., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 298 (5), G774-G783 (2010) : Cox, M.G., et al. Circ Arrhythm Electrophysiol 3(2):126-133(2010) Buxens, A., et al. Scand J Med Sci Sports (2010) In press :

NCBI AND UNIPROT INFORMATION

NCBI GI #	116534898
NCBI GeneID	1829
NCBI Accession #	NP_001934.2
NCBI GenBank Nucleotide #	NM_001943.3
UniProt Accession #	Q14126; Q4KKU6
Molecular Weight	122294
NCBI Official Full Name	desmoglein-2 preproprotein
NCBI Official Synonym Full Names	desmoglein 2
NCBI Official Symbol	DSG2

NCBI Official Synonym Symbols	HDGC; CDHF5; ARVC10; ARVD10; CMD1BB
NCBI Protein Information	desmoglein-2
UniProt Protein Name	Desmoglein-2
UniProt Gene Name	DSG2
UniProt Synonym Gene Names	CDHF5
UniProt Entry Name	DSG2_HUMAN

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/dsg2-antibody-immunohistochemistry-western-blot-elisa/286227>