

Rabbit Desmoglein 2 Polyclonal Antibody | anti-DSG2 antibody

Polyclonal Anti-Desmoglein 2, DSG2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA11514	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

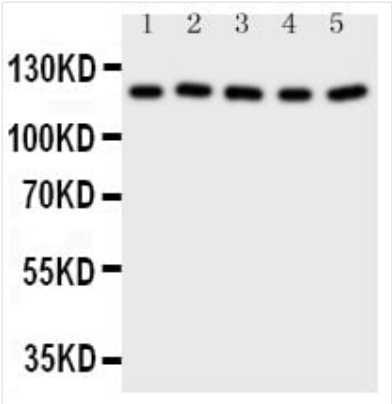
Desmoglein 2; Polyclonal Antibody; Polyclonal Anti-Desmoglein 2; DSG2; Desmoglein-2; desmoglein 2; ARVC 10 antibody; ARVC10 antibody; ARVD 10 antibody; ARVD10 antibody; Cadherin family member 5 antibody; CDHF 5 antibody; CDHF5 antibody; CMD1BB antibody; Desmoglein 2 antibody; Desmoglein-2 antibody; Desmoglein2 antibody; DSG 2 antibody; DSG2 antibody; DSG2_HUMAN antibody; HDGC antibody; HDGC included antibody; MGC117034 antibody; MGC117036 antibody; MGC117037 antibody; anti-DSG2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified
Form/Format	Lyophilized; Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Sequence Length	1118
Applicable Applications for anti-DSG2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western Blot: Concentration: 0.1-0.5ug/ml Tested Species: Human, Mouse, Rat Immunohistochemistry (IHC) Paraffin: Concentration: 0.5-1 ug/ml Tested Species: Human, Rat Antigen Retrieval: By Heat Immunocytochemistry/Immunofluorescence: Concentration: 2ug/ml Tested Species: Human Flow Cytometry: Concentration: 1-3ug/1x10⁶ cells Tested Species: Human Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human DSG2 (1104-1118aa STRVTKHSTVQHSYS), different from the related mouse and rat sequences by one amino acid.

Reconstitution	0.2ml of distilled water will yield a concentration of 500ug/ml.
Relevant detection	We provides a series of assays reacted with primary antibodies. Antibody can be be supported by chemiluminescence kit in WB, supported in IHC (P) and ICC.
Preparation and Storage	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
 Anti-Desmoglein 2 antibody, AAA11514, Western blottingAll lanes: Anti Desmoglein 2 (AAA11514) at 0.5ug/mlLane 1: HT1080 Whole Cell Lysate at 40ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: SW620 Whole Cell Lysate at 40ugLane 4: SCG Whole Cell Lysate at 40ugLane 5: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 122KDObserved bind size: 122KD

ADDITIONAL INFORMATION

Related Product Information for anti-DSG2 antibody	Desmoglein-2 is a protein that in humans is encoded by the DSG2 gene. 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 DSG2 display a high degree of penetrance. Disease expression was of variable severity with LV involvement a prominent feature. The low prevalence of classical ECG changes highlights the need to expand current criteria to take account of LV disease, childhood disease expression, and incomplete penetrance.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148876773
NCBI GeneID	1829
UniProt Accession #	Q14126; Q4KKU6
NCBI Official Full Name	Desmoglein-2
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; HDGC; cadherin family member 5
UniProt Protein Name	Desmoglein-2
UniProt Gene Name	DSG2
UniProt Synonym Gene Names	CDHF5

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/desmoglein-2-antibody-western-blot-immunohistochemistry-elisa/11514>