

Rabbit DSG2 Polyclonal Antibody | anti-DSG2 antibody

DSG2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199528	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

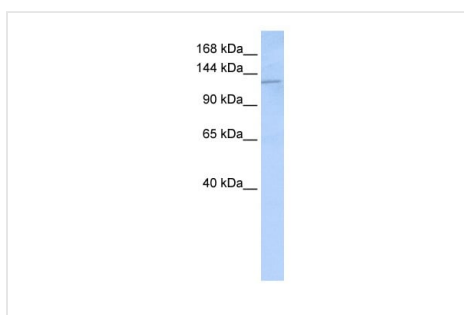
PRODUCT SYNONYMS

DSG2; Polyclonal Antibody; DSG2 antibody - N-terminal region; anti-DSG2 antibody

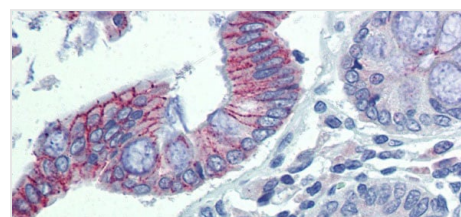
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: KIHSDLAEEERGL KITYKYTGKG ITEPPFGIFV FNKDTGELNV TSILDREE
Sequence Length	1118
Applicable Applications for anti-DSG2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DSG2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-DSG2 Antibody Titration: 1 ug/ml Positive Control: Hela cell lysate


IHC (Immunohistochemistry)

Immunohistochemistry with Human Colon lysate tissue at an antibody concentration of 5.0ug/ml using anti-DSG2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DSG2 antibody	This is a rabbit polyclonal antibody against DSG2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. DSG2 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.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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-DSG2 antibody	Polyclonal ; Signal Proteins ; Lymphocyte Signaling ; Membrane Protein ; Developmental Biology ; Immunohistochemistry ; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	116534898
NCBI GeneID	1829
NCBI Accession #	NP_001934
NCBI GenBank Nucleotide #	NM_001943
UniProt Accession #	Q14126
Molecular Weight	114kDa
NCBI Official Full Name	desmoglein-2 preproprotein
NCBI Official Synonym Full Names	desmoglein 2
NCBI Official Symbol	DSG2
NCBI Official Synonym Symbols	HDGC; CDHF5
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.