

Rabbit anti-Human DSC1 Polyclonal Antibody | anti-DSC1 antibody

DSC1 Antibody (C-term)

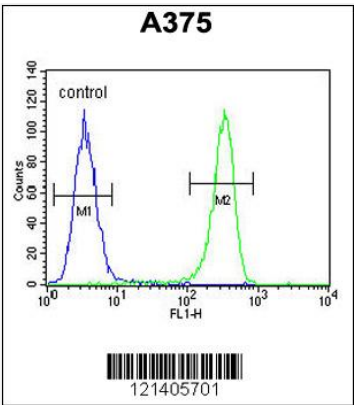
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289665	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

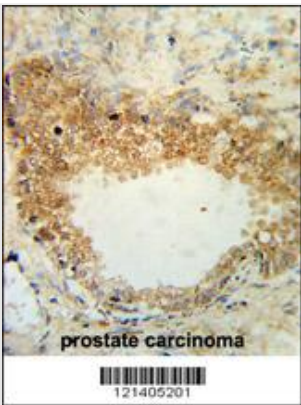
DSC1; Polyclonal Antibody; DSC1 Antibody (C-term); Desmocollin-1; Cadherin family member 1; Desmosomal glycoprotein 2/3; DG2/DG3; CDHF1; anti-DSC1 antibody

PRODUCT SPECIFICATIONS

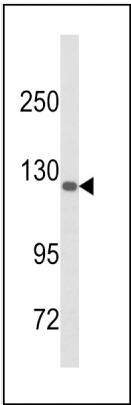
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DSC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 659-687 amino acids from the C-terminal region of human DSC1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	659-687
Sequence Length	840
Applicable Applications for anti-DSC1 antibody	FCM/FACS (Flow Cytometry), 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.



FCM/FACS (Flow Cytometry)
DSC1 Antibody (C-term) flow cytometric analysis of A375 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with DSC1 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DSC1 Antibody (C-term) in A375 cell line lysates (35ug/lane). DSC1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DSC1 antibody	DSC1 is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined.
Product Categories/Family for anti-DSC1 antibody	Signal Transduction
References	Toulza,E., et.al., Genome Biol. 8 (6), R107 (2007) Descargues,P., et.al., J. Invest. Dermatol. 126 (7), 1622-1632 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826702
NCBI GeneID	1823
NCBI Accession #	NP_004939.1; NP_077739.1
NCBI GenBank Nucleotide #	NM_004948.3
UniProt Accession #	Q08554; Q9HB01

Molecular Weight	99987
NCBI Official Full Name	desmocollin-1 isoform Dsc1b preproprotein
NCBI Official Synonym Full Names	desmocollin 1
NCBI Official Symbol	DSC1
NCBI Official Synonym Symbols	CDHF1; DG2/DG3
NCBI Protein Information	desmocollin-1
UniProt Protein Name	Desmocollin-1
UniProt Gene Name	DSC1
UniProt Synonym Gene Names	CDHF1; DG2/DG3
UniProt Entry Name	DSC1_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/dsc1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289665>