



Rabbit Anti-Desmocollin 1 + 2 antibody

SL6324R

Product Name:	Desmocollin 1 + 2
Chinese Name:	桥粒glycoprotein1/2抗体
Alias:	Cadherin family member 1; CDHF1; Desmocollin1; Desmosomal glycoprotein 2/3; DG2/DG3; DSC 1; DSC1; DSC1_HUMAN; DSC2_HUMAN; ARVD11 antibody Cadherin family member 2; CDHF2; Desmocollin-2; Desmocollin2; Desmosomal glycoprotein II; Desmosomal glycoprotein II/III; DG2; DSC 2; DSC2.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	84kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Desmocollin 1 + 2:371-470/894<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene 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. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Function:

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. May contribute to epidermal cell positioning (stratification) by mediating differential adhesiveness between cells that express different isoforms. Linked to the keratinization of epithelial tissues.

Subunit:

.

Subcellular Location:

Cell membrane; Single-pass type I membrane protein. Cell junction, desmosome.

Tissue Specificity:

Strongly expressed in epidermis, less in lymph node and tongue.

Similarity:

Contains 5 cadherin domains.

SWISS:

Q08554

Gene ID:

1823

1824

Database links:

[Entrez Gene: 1823](#)Human

[Entrez Gene: 13505](#)Mouse

[Entrez Gene: 291759](#)Rat

[Omim: 125643](#)Human

[SwissProt: Q08554](#)Human

[SwissProt: P55849](#)Mouse

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
--	---

www.sunlongbiotech.com