SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-Desmocollin 1 antibody

Catalog Number: SL6307R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Desmocollin 1
Immunogen:	KLH conjugated synthetic peptide derived from human Desmocollin 1: 371-470/894 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Dog,Pig,Cow,Horse)
Predicted MW.:	85kDa
Subcellular Location:	The cell membrane
Background:	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

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	mediating differential adhesiveness between cells that express different isoforms. Linked to the keratinization of epithelial tissues. **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. **Database links:** **Entrez Gene:** 1823 Human **Entrez Gene:** 13505 Mouse **Entrez Gene:** 291759 Rat Omim: 125643 Human **SwissProt:** Q08554 Human **SwissProt:** P55849 Mouse

[VALIDATION IMAGES]

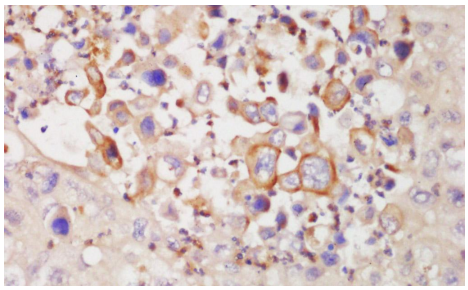


Figure 1. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min; Incubation: Anti-CDHF1 Polyclonal Antibody, Unconjugated(SL6307R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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