

DSG1 Rabbit Polyclonal Antibody



CAB9812

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

150kDa

Calculated MW:

42kDa/113kDa

Applications:

WB IHC IF

Reactivity:

Human, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100 IF 1:50 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the desmoglein protein subfamily. Desmogleins, along with desmocollins, are cadherin-like transmembrane glycoproteins that are major components of the desmosome. Desmosomes are cell-cell junctions that help resist shearing forces and are found in high concentrations in cells subject to mechanical stress. This gene is found in a cluster with other desmoglein family members on chromosome 18. The encoded protein has been identified as a target of auto-antibodies in the autoimmune skin blistering disease pemphigus foliaceus. Disruption of this gene has also been associated with the skin diseases palmoplantar keratoderma and erythroderma.

Immunogen information

Gene ID:

1828

Uniprot

Q02413

Synonyms:

DSG1; CDHF4; DG1; DSG; EPKHE; EPKHIA; PPKS1; SPPK1

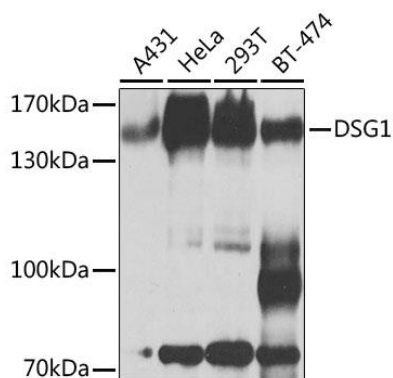
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 800-1049 of human DSG1 (NP_001933.2).

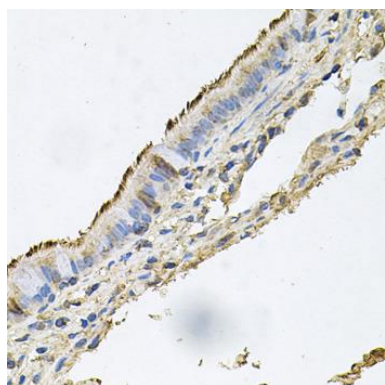
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

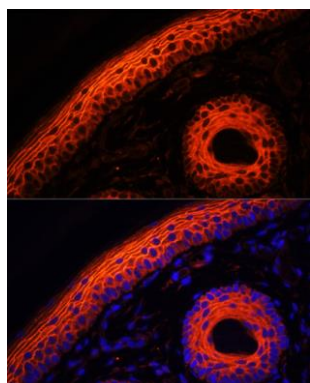
Product Images



Western blot analysis of extracts of various cell lines, using DSG1 antibody (CAB9812) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.



Immunohistochemistry of paraffin-embedded human trachea using DSG1 antibody (CAB9812) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of rat skin using DSG1 antibody (CAB9812) at dilution of 1:100. Blue: DAPI for nuclear staining.