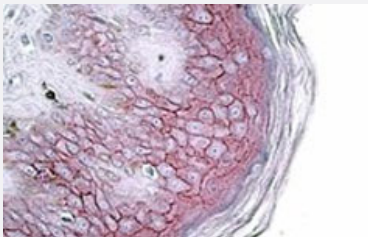


DSG1 polyclonal antibody

Catalog # PAB17239 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DSG1 polyclonal antibody (Cat # PAB17239) (3.8 ug/mL) staining of paraffin embedded human skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of DSG1.
Immunogen	A synthetic peptide corresponding to internal region of human DSG1.
Sequence	C-YTTSDTLKPSVHVHD
Host	Goat
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:32000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-6 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction

Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

DSG1 polyclonal antibody (Cat # PAB17239) (3.8 ug/mL) staining of paraffin embedded human skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — DSG1

Entrez GeneID[1828](#)**Protein Accession#**[NP_001933.2](#)**Gene Name**

DSG1

Gene Alias

CDHF4, DG1, DSG

Gene Description

desmoglein 1

Omim ID[125670 148700](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Desmosomes are cell-cell junctions between epithelial, myocardial and certain other cell types. Desmoglein 1 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. The protein encoded by this gene has been identified as the autoantigen of the autoimmune skin blistering disease pemphigus foliaceus. [provided by RefSeq]

Other Designations

desmosomal glycoprotein 1|pemphigus foliaceus antigen

Publication Reference

- [Structural analysis and expression of human desmoglein: a cadherin-like component of the desmosome.](#)

Nilles LA, Parry DA, Powers EE, Angst BD, Wagner RM, Green KJ.

Journal of Cell Science 1991 Aug; 99 (Pt 4):809.

Disease

- [Pemphigus](#)