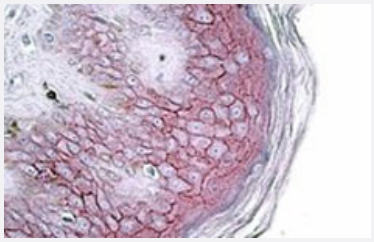
DSG1 polyclonal antibody

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)

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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 shoul d 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. D esmoglein 1 is a calcium-binding transmembrane glycoprotein component of desmosomes in vert ebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and a ll are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene famil y members are located in a cluster on chromosome 18. The protein encoded by this gene has be en 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

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- 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

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