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Anti-DSG4 / Desmoglein 4 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17435

Product Information

Application	WB, IHC-P
Primary Accession	Q86SJ6
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	113824
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	147409
Alias Symbol	DSG4
Other Names	DSG4, Cadherin family member 13, CDGF13, CDH family member 13, Desmoglein 4, Desmoglein-4, LAH, CDHF13
Target/Specificity	Recognizes endogenous levels of Desmoglein 4 protein.
Reconstitution & Storage	PBS, pH 7.3, 0.01% sodium azide, 30% glycerol. Store at -20°C. Aliquot to avoid freeze/thaw cycles.
Precautions	Anti-DSG4 / Desmoglein 4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	DSG4
Synonyms	CDHF13
Function	A component of desmosome cell-cell junctions which are required for positive regulation of cellular adhesion (By similarity). Coordinates the transition from proliferation to differentiation in hair follicle keratinocytes (By similarity). Plays a role in moderating lymphocyte migration to inflamed skin and maintaining homeostasis of the epidermal inflammatory response (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Cell junction, desmosome Note=Colocalizes with JUP at desmosomes.
Tissue Location	In scalp follicles, present in the inner root sheath (IRS) and all layers of the

matrix and precortex (at protein level) (PubMed:12705872, PubMed:26173648). Expressed in the brain, muscle, kidney, pancreas, spleen, thymus and weakly expressed in the lung, liver, heart and placenta (PubMed:12705872). Highly expressed in skin, testis and prostate; less in salivary gland (PubMed:12648213) Expressed in the esophageal mucosa (PubMed:24220297)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.