

Product datasheet

anti-Desmoglein 4 guinea pig polyclonal, serum

Short overview

Cat. No.	GP4
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Recombinant peptide (extracellular repeat domain E4; aa 472-590) of human Desmoglein 4
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	Q86SJ6 (Human), Q7TMD7 (Mouse), Q6W3B0 (Rat)
Synonym	Desmoglein-4, Cadherin family member 13, DSG4, CDHF13
Note	Centrifuge prior to opening
Conjugate	Unconjugated
Purification	Stabilized antiserum
Storage	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	IHC
Reactivity	Human, Mouse, Rat

Applications

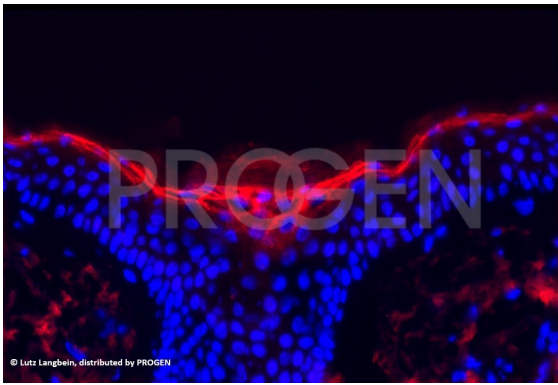
Immunohistochemistry (IHC) - frozen	1:100-1:200
Immunohistochemistry (IHC) - paraffin	1:100-1:200 (microwave treatment recommended)

Background

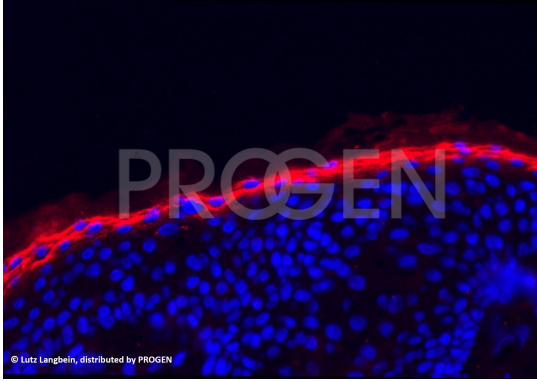
Antibody recognizes desmoglein 4 present in the hair cortex, beginning at the height of the apex of the dermal papilla and cuticle (inner root sheath) from the upper differentiated part. Also positive staining is found in the stratum granulosum of epidermis.

Polypeptide reacting: Desmoglein 4.

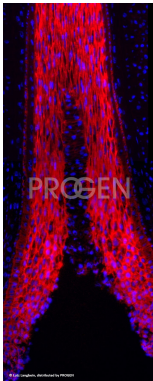
Product images



Human scalp (courtesy of L. Langbein)



Human scalp (courtesy of L. Langbein)



Human hair follicle (courtesy of L. Langbein)

References

Publication	Species	Application
Bazzi, H. et al. Desmoglein 4 is expressed in highly differentiated keratinocytes and trichocytes in human epidermis and hair follicle. Differentiation 74, 129â€“140 (2006).	human	