Product datasheet

anti-Type I Hair Keratin K40 (human) guinea pig polyclonal, serum

Short overview

Cat. No.	GP-K40
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide of human type I (acidic) hair (trichocytic) keratin K40 (former designat ion keratin Ka36): LPC YFT GSC NSP C, coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	Q6A162 (Human)
Synomym	Keratin, type I cytoskeletal 40, Cytokeratin-40, CK-40, Keratin-40, K40, Type I hair keratin Ka36, KRT40, KA36
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
No reactivity	Mouse

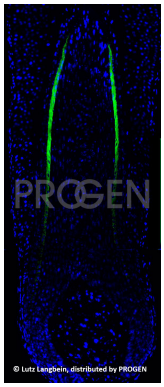
Applications

Immunohistochemistry (IHC) - frozen	1:100
Immunohistochemistry (IHC) - paraffin	1:100 (microwave treatment (citrate buffer) recommended; for enhancement of staining preincubate fixed sections with 0.1% Triton X-100 (in PBS) for 1-5 min prior to first antibody incubation step)

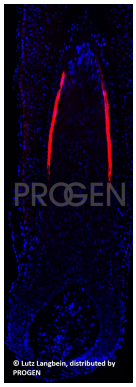
Background

The antiserum stains specifically human type I (acidic) hair keratin K40 expressed in the late hair cuticle.

Product images



Human beard hair (courtesy of L. Langbein)



Human beard hair (courtesy of L. Langbein)

References

Publication	Species	Application
Langbein, L., Yoshida, H., Praetzel-Wunder, S., Parry, D. A. & Schweizer, J. The Keratins of the Human Beard Hair Medulla: The Riddle in the Middle. J. Invest. Dermatol. 130, 55â€“73 (2010).	human	IHC (frozen)
Langbein, L. et al. Novel type I hair keratins K39 and K40 are the last to be expressed in differentiation of the hair: completion of the human hair keratin catalog. J. Invest. Dermatol. 127, 1532â€“1535 (2007).	human	IHC (frozen)