

Product datasheet

anti-acidic Hair Keratin K38 guinea pig polyclonal, serum

Short overview

Cat. No.	GP-HHA8
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide of human acidic hair (trichocytic) keratin K38 (formerly also designated keratin hHa8; TTC GPT CGA STT GSR F), coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	O76015 (Human)
Synonym	Keratin, type I cuticular Ha8, Hair keratin, type I Ha8, Keratin-38, K38, KRT38, HHA8, HKA8, KRTHA8
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, WB
Reactivity	Human, Mouse

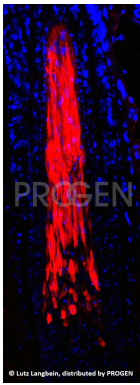
Applications

Immunohistochemistry (IHC) - frozen	1:200 (For enhancement of cortex staining preincubate fixed sections with 0.1% Triton X-100 (in PBS) for 1-5 min prior to first antibody incubation step)
Western Blot (WB)	1:2,000

Background

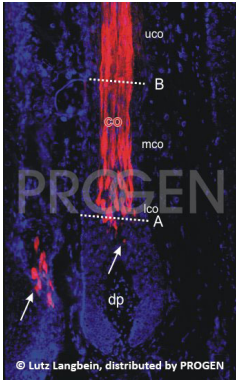
The antiserum stains specifically human hair keratin K38 expressed starting from the middle cortex. The staining in the middle cortex appears highly heterogeneous.

Product images



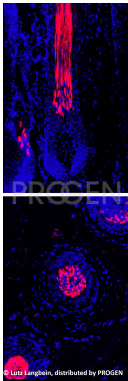
© Lutz Langbein, distributed by PROGEN

Human scalp hair (courtesy of L. Langbein)



© Lutz Langbein, distributed by PROGEN

Human scalp hair (courtesy of L. Langbein)



© Lutz Langbein, distributed by PROGEN

Human scalp 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. The catalog of human hair keratins. I. Expression of the nine type I members in the hair follicle. J. Biol. Chem. 274, 19874â€“84 (1999).	human	WB,IHC (frozen)