Product datasheet

anti-acidic Hair Keratin K37 guinea pig polyclonal, serum

Short overview

Cat. No.	GP-HHA7
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide of human acid ic hair (trichocytic) keratin K37 (formerly also designated keratin hHa7; CGPVTGGSPSGHGAS MGR), coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	O76014 (Human)
Synomym	Keratin, type I cuticular Ha7, Hair keratin, type I Ha7, Keratin-37, K37, KRT37, HHA7, HKA7, KRTHA7
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, Monkey

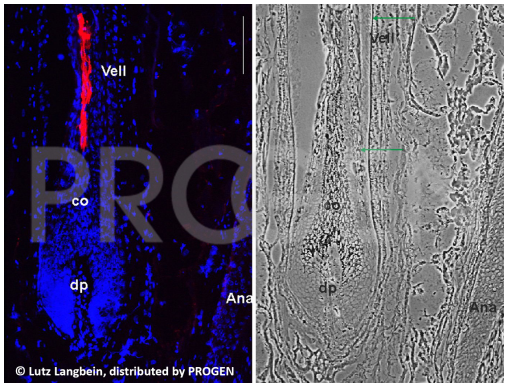
Applications

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 antibody stains specifically human hair keratin K37 (hHa7) expressed starting from the middle cortex of vellous hairs. Negative with cells in the anagen hair follicle.

Product images



Human scalp vellus 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)
Jave-Suarez, L. F. et al. Androgen regulation of the human hair follicle: the type I hair keratin hHa7 is a direct target gene in trichocytes. J. Invest. Dermatol. 122, 555-64 (2004).	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)