

Product datasheet

anti-basic Hair Keratin K86 guinea pig polyclonal, serum

Short overview

Cat. No.	GP-HHB6
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide of human basic hair (trichocytic) keratin K86 (formerly also designated hHb6; APV VST RVS SVP SNS NVV VGT TNA C), coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	O43790 (Human), P97861 (Mouse)
Synonym	Keratin, type II cuticular Hb6, Hair keratin K2.11, Keratin-86, K86, Type II hair keratin Hb6, Type-II keratin Kb26, KRT86, KRTHB6
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

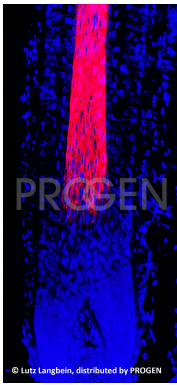
Applications

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 K86 expressed starting from the middle hair cortex. It can be defect in Monilethrix.

Product images



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., Spring, H., Rogers, M. A., Praetzel, S. & Schweizer, J. Hair keratins and hair follicle-specific epithelial keratins. Methods Cell Biol 78, 413â€“451 (2004).	human	WB
Langbein, L., Rogers, M. A., Winter, H., Praetzel, S. & Schweizer, J. The catalog of human hair keratins: II. Expression of the six type II members in the hair follicle and the combined catalog of human type I and II keratins. J. Biol. Chem. 276, 35123	human	WB