

Product datasheet

anti-Keratin K1 guinea pig polyclonal, serum

Short overview

Cat. No.	GP-K1
Quantity	100 µl

Product description

Host	Guinea pig
Antibody Type	Polyclonal
Immunogen	Synthetic peptide (SAGIINYQRRTTSS - C) of human keratin K1 (formerly also designated cytokeratin 1), coupled to KLH
Formulation	Contains 0.09% sodium azide and 0.5% BSA
UniprotID	P04264 (Human), Q99PS0 (Mouse)
Synonym	Keratin, type II cytoskeletal 1, 67 kDa cytokeratin, Cytokeratin-1, CK-1, Hair alpha protein, Keratin-1, K1, Type-II keratin Kb1, KRT1, KRTA
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	ICC/IF, IHC, WB
Reactivity	Human, Mouse

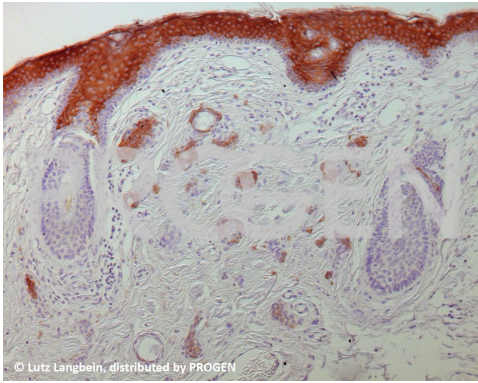
Applications

Immunocytochemistry (ICC)	Assay dependent
Immunohistochemistry (IHC) - frozen	1:200
Immunohistochemistry (IHC) - paraffin	1:100 (microwave treatment recommended)
Western Blot (WB)	1:3,000

Background

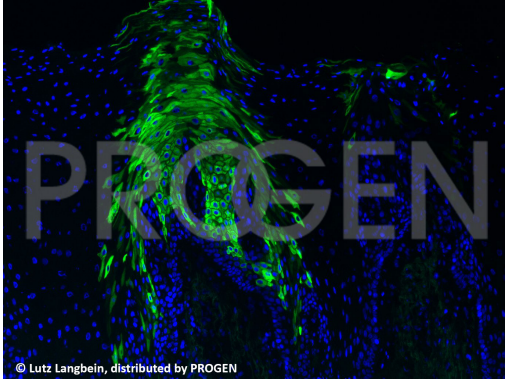
Specific for keratin K1 in suprabasal layers of cornified squamous epithelia, e.g. the suprabasal layer of scalp and foot sole. Negative with non-keratinizing stratified and non-stratified epithelia (e.g. esophagus, duodenum)! Polypeptide reacting: basic human keratin K1 (Mr 66,000). Positive control: human foot sole.

Product images



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Human scalp syringoma (courtesy of L. Langbein)



© Lutz Langbein, distributed by PROGEN

Human tongue papille



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Human back skin (courtesy of L. Langbein)

References

Publication	Species	Application
Langbein, L. et al. New facets of keratin K77: Interspecies variations of expression and different intracellular location in embryonic and adult skin of humans and mice. Cell Tissue Res. 354, 793â€“812 (2013).	mouse	IHC (frozen)