

Product datasheet for **BP5100**

KRT75 Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Immunoblotting. Immunohistochemistry on Frozen Sections. Immunofluorescence Microscopy. <i>Working Dilutions:</i> 1/100-1/200 for Immunofluorescence Microscopy (Acetone fixation), 1/100 (4% Paraformaldehyde Fixation) and 1/2,000 for Western Blotting (ECL method). <i>Incubation Time:</i> 1h at RT.
Reactivity:	Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	KLH coupled Synthetic peptide of Human type II keratin K75 (formerly also designated K6hf)
Specificity:	The antiserum stains specifically the companion layer (innermost layer of the outer root sheath) of the hair follicle. Although there is a considerable homology of keratin K75 (K6hf) to keratins K5 and K6, no cross-reactivity was observed, neither in Western blotting nor in Immunofluorescence microscopy.
Formulation:	State: Serum State: Liquid stabilized serum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 75
Database Link:	Entrez Gene 9119 Human O95678



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- Background:** KRT75 plays an essential role in hair and nail formation and is an essential component of keratin intermediate filaments in the companion layer of the hair follicle. Variations in this gene have been associated with the hair disorders pseudofolliculitis barbae (PFB) and loose anagen hair syndrome (LAHS).
- Synonyms:** KRT75, K6HF, KB18, Cytokeratin-75, CK75, Keratin-75, K75, Type II keratin-K6hf