

Product datasheet for **BP5090**

KRT81 Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Immunoblotting: 1/2,000 for Western blotting (ECL method). Immunofluorescence Microscopy on Frozen Sections. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: 1/200 for 1h at RT (Trypsin and Microwave pretreatment is required).
Reactivity:	Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of Human basic hair (trichocytic) keratin K81 (formerly also designated keratin hHb1) coupled to KLH
Specificity:	The antiserum stains specifically Human hair Keratin K81 present in the hair cortex and hair cuticle and tumors derived therefrom.
Formulation:	State: Serum State: Liquid Stabilized Antiserum Preservative: 0.09% Sodium Azide, 0.5% BSA
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 81
Database Link:	Entrez Gene 3887 Human Q14533
Background:	KRT81 (Keratin 81) is a type II hair keratin. It is a basic protein which heterodimerizes with type I keratins to form hair and nails. It is found primarily in the hair cortex. Mutations in KRT81 have been observed in patients with, monilethrix, a rare dominant hair disease characterized by beaded or moniliform hair that results from the periodic thinning of the hair shaft and shows a high propensity to excess weathering and fracturing.



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Synonyms:

KRT81, KRTHB1, MLN137, Keratin hair basic 1, ghHKb1, ghHb1, Keratin-81, K81, K2.9, MLN 137