

## Product datasheet for **BP5083**

### **KRT31 Guinea Pig Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	<b>Immunoblotting:</b> 1/2,000 (ECL method). <b>Immunohistochemistry on Frozen Sections:</b> 1/200. <b>Incubation Time:</b> 1h at RT. 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.
Reactivity:	Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Complete recombinant Human hair (trichocytic) keratin K31 (formerly also designated keratin hHa1), coupled to KLH.
Specificity:	The antiserum stains specifically Human hair keratin K31 expressed starting from the lower hair cortex. Reacts with Human and Mouse.
Formulation:	State: Serum State: Liquid Serum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 31
Database Link:	<a href="#">Entrez Gene 3881 Human Q15323</a>
Background:	KRT31 is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.
Synonyms:	KRT-31, HHA1, HKA1, KRTHA1, Hair keratin, type I Ha1, Keratin31, Hair Keratin acidic hHa1



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