

Product datasheet for **BP5091**

KRT82 Guinea Pig Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Western Blot: 1/2,000 (ECL). Immunohistochemistry on Frozen Sections: 1/200. Incubation Time: 1h at RT.
Reactivity:	Human, Mouse
Host:	Guinea Pig
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of Human basic hair (trichocytic) keratin K82 (formerly also designated hHb2), KLH coupled
Specificity:	The antiserum stains specifically Human hair keratin hHb2 present starting from the mid bulb region in the hair cuticle, contrary to K32 (hHa2) expression, starting from the lower part of the cuticle.
Formulation:	State: Serum State: Liquid Stabilized Antiserum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	keratin 82
Database Link:	Entrez Gene 3888 Human Q9NSB4
Background:	The protein encoded by this gene is a member of the keratin gene family. As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this keratin appears to be a hair cuticle-specific keratin.



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Synonyms: KRT82, KRTHB2, Keratin-82, K82