

**KRT86 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20108c****Specification**

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**KRT86 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O43790</a>
Other Accession	<a href="#">O9Z2T6</a> , <a href="#">P78386</a> , <a href="#">P78385</a> , <a href="#">A4FUZ0</a> , <a href="#">Q14533</a> , <a href="#">Q148H4</a> , <a href="#">A6NCN2</a> , <a href="#">NP_002275.1</a> , <a href="#">P15241</a> , <a href="#">P25691</a>
Reactivity	Human
Predicted	Sheep, Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	53501
Antigen Region	300-327

**KRT86 Antibody (Center) - Additional Information****Gene ID** 3892**Other Names**

Keratin, type II cuticular Hb6, Hair keratin K211, Keratin-86, K86, Type II hair keratin Hb6, Type-II keratin Kb26, KRT86, KRTHB6

**Target/Specificity**

This KRT86 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 300-327 amino acids from the Central region of human KRT86.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

KRT86 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**KRT86 Antibody (Center) - Protein Information**

**Name** KRT86

**Synonyms** KRTHB6

**Tissue Location**

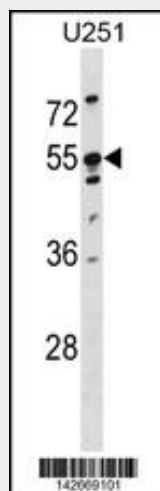
Synthesis begins slightly higher in the hair shaft than HB1 and HB3 and continues much farther up, ending in the keratogeneous zone.

**KRT86 Antibody (Center) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**KRT86 Antibody (Center) - Images**



KRT86 Antibody (Center) (Cat. #AP20108c) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the KRT86 antibody detected the KRT86 protein (arrow).

**KRT86 Antibody (Center) - 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 hair keratin, as well as KRTHB1 and KRTHB3, is found primarily in the hair cortex. Mutations in this gene and KRTHB1 have been observed in patients with a rare

dominant hair disease, monilethrix.

#### **KRT86 Antibody (Center) - References**

ZHANG, S.D., et al. Eur J Dermatol 19(5):508-509(2009)  
Feng, A.P., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 25(2):141-144(2008)  
Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)  
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