

**Cytokeratin 14 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51307**

**Specification**

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**Cytokeratin 14 Antibody - Product Information**

Application	WB, ICC, IHC-P, E
Primary Accession	<a href="#">P02533</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51 KDa

**Cytokeratin 14 Antibody - Additional Information**

**Gene ID** 3861

**Other Names**

Keratin, type I cytoskeletal 14, Cytokeratin-14, CK-14, Keratin-14, K14, KRT14

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Cytokeratin 14 Antibody - Protein Information**

**Name** KRT14

**Function**

The nonhelical tail domain is involved in promoting KRT5- KRT14 filaments to self-organize into large bundles and enhances the mechanical properties involved in resilience of keratin intermediate filaments in vitro.

**Cellular Location**

Cytoplasm. Nucleus. Note=Expressed in both as a filamentous pattern.

**Tissue Location**

Expressed in the corneal epithelium (at protein level) (PubMed:26758872). Detected in the basal layer, lowered within the more apically located layers specifically in the stratum spinosum, stratum granulosum but is not detected in stratum corneum. Strongly expressed in the outer root sheath of anagen follicles but not in the germinative matrix, inner root sheath or hair (PubMed:9457912). Found in keratinocytes surrounding the club hair during telogen (PubMed:9457912).

**Cytokeratin 14 Antibody - 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](#)

### **Cytokeratin 14 Antibody - Images**

### **Cytokeratin 14 Antibody - Background**

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### **Cytokeratin 14 Antibody - References**

Marchuk D., et al. Cell 39:491-498(1984).  
Marchuk D., et al. Proc. Natl. Acad. Sci. U.S.A. 82:1609-1613(1985).  
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Zody M.C., et al. Nature 440:1045-1049(2006).  
Hanukoglu I., et al. Cell 31:243-252(1982).