

**KRA14 Rabbit Polyclonal Antibody**  
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**Catalog # AP93365****Specification**

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**KRA14 Rabbit Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P0C5Y4</a>
Reactivity	Human, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	12324

**KRA14 Rabbit Polyclonal Antibody - Additional Information****Gene ID** 728255**Other Names**

Keratin-associated protein 1-4, High sulfur keratin-associated protein 1.4, Keratin-associated protein 1.4, KRTAP1-4, KAP1.4, KRTAP1.4

**Storage Conditions**

-20°C

**KRA14 Rabbit Polyclonal Antibody - Protein Information****Name** KRTAP1-4**Synonyms** KAP1.4, KRTAP1.4**Function**

In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins.

**Tissue Location**

Expressed in the middle/upper portions of the hair cortex, in the region termed the keratogenous zone

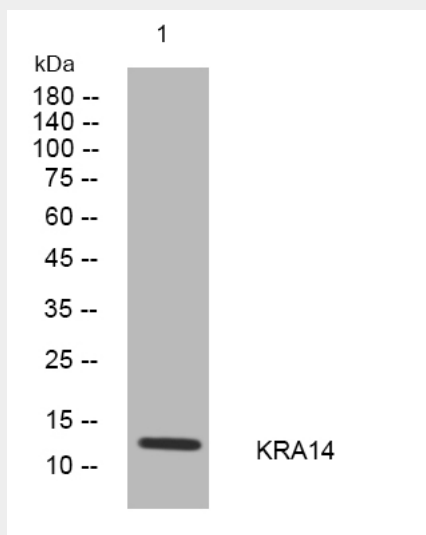
**KRA14 Rabbit Polyclonal Antibody - Protocols**

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](#)

#### KRA14 Rabbit Polyclonal Antibody - Images



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

#### KRA14 Rabbit Polyclonal Antibody - Background

The main structural proteins of mammalian hair fiber are the hair keratins (see MIM 601077) and the keratin-associated proteins (KAPs), which form a rigid and resistant hair shaft through extensive disulfide bond crosslinking with the abundant cysteines of hair keratins (Shimomura et al., 2002 [PubMed 12228244]).[supplied by OMIM, Jan 2009],