

**KRA94 Rabbit Polyclonal Antibody**  
**KRA94 Rabbit Polyclonal Antibody**  
**Catalog # AP93355**

**Specification**

---

**KRA94 Rabbit Polyclonal Antibody - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">O9BYQ2</a>
Reactivity	<b>Rat, Human</b>
Host	<b>Polyclonal, Rabbit, IgG</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>16378</b>

**KRA94 Rabbit Polyclonal Antibody - Additional Information**

**Gene ID** 85280

**Other Names**

Keratin-associated protein 9-4, Keratin-associated protein 9.4, Ultrahigh sulfur keratin-associated protein 9.4, KRTAP9-4, KAP9.4, KRTAP9.4

**Dilution**

WB~~1:1000

**Storage Conditions**

-20°C

**KRA94 Rabbit Polyclonal Antibody - Protein Information**

**Name** KRTAP9-4

**Synonyms** KAP9.4, KRTAP9.4

**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.

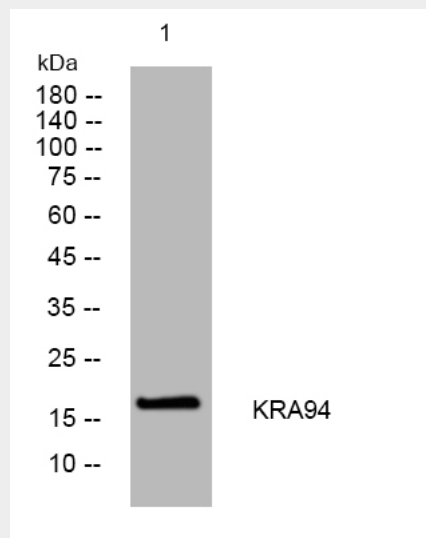
**KRA94 Rabbit Polyclonal Antibody - Protocols**

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](#)

### **KRA94 Rabbit Polyclonal Antibody - Images**



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4° over night

### **KRA94 Rabbit Polyclonal Antibody - Background**

This protein is a member of the keratin-associated protein (KAP) family. The KAP proteins form a matrix of keratin intermediate filaments which contribute to the structure of hair fibers. KAP family members appear to have unique, family-specific amino- and carboxyl-terminal regions and are subdivided into three multi-gene families according to amino acid composition: the high sulfur, the ultrahigh sulfur, and the high tyrosine/glycine KAPs. This protein is a member of the ultrahigh sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq, Jul 2008],