10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KRA94 Rabbit Polyclonal Antibody

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Catalog # AP93355

Product Information

Application	WB
Primary Accession	Q9BYQ2
Reactivity	Rat, Human, Mouse
Host	Polyclonal, Rabbit,IgG
Clonality	Polyclonal
Calculated MW	16378

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℃

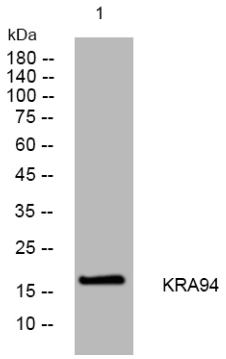
Protein Information

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.

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],

Images



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