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

KR104 Rabbit Polyclonal Antibody

KR104 Rabbit Polyclonal Antibody
Catalog # AP93512

Product Information

Application	WB
Primary Accession	P60372
Reactivity	Rat, Human, Mouse
Host	Polyclonal, Rabbit,IgG
Clonality	Polyclonal
Calculated MW	40475

Additional Information

Gene ID	386672
Other Names	Keratin-associated protein 10-4, High sulfur keratin-associated protein 10.4, Keratin-associated protein 10.4, Keratin-associated protein 18-4, Keratin-associated protein 18.4, KRTAP10-4, KAP10.4, KAP18-4, KRTAP10.4, KRTAP18-4, KRTAP18.4
Dilution	WB~~1:1000
Storage Conditions	-20℃

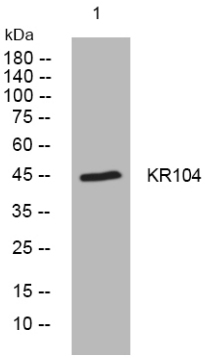
Protein Information

Name	KRTAP10-4
Synonyms	KAP10.4, KAP18-4, KRTAP10.4, KRTAP18-4,
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	Restricted to hair root, not detected in any other tissues

Background

This is an intronless gene located in a cluster of related genes on the q arm of chromosome 21. The proteins encoded by these genes form disulfide bonds with cysteine residues in hair keratins, thereby contributing to the structure and stability of hair fibers. [provided by RefSeq, Apr 2014],

Images



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