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KR102 Rabbit pAb

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Catalog # AP56412

Product Information

Application	WB
Primary Accession	P60368
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25616
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KR102
Epitope Specificity	1-100/255
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes 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 gene encodes a member of the high sulfur KAP family. It is localized to a cluster of intronless KAPs at 21q22.3 which are located within the introns of the C21orf29 gene. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	386679
Other Names	Keratin-associated protein 10-2, High sulfur keratin-associated protein 10.2, Keratin-associated protein 10.2, Keratin-associated protein 18-2, Keratin-associated protein 18.2, KRTAP10-2, KAP10.2, KAP18-2, KRTAP10.2, KRTAP18-2, KRTAP18.2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	KRTAP10-2
Synonyms	KAP10.2, KAP18-2, KRTAP10.2, KRTAP18-2,
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 a narrow region of the hair fiber cuticle, lying approximately 20 cell layers above the apex of the dermal papilla of the hair root; not detected in any other tissues

Background

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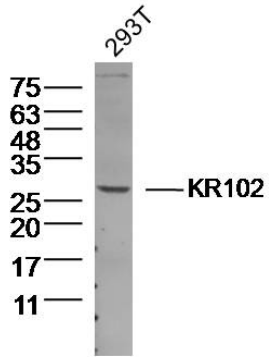
Images



Sample: 293T Cell (Human) Lysate at 40 ug
Primary: Anti-KR102 (AP56412) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 26 kD
Observed band size: 26 kD