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KAP3.2 Rabbit pAb

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Catalog # AP56435

Product Information

Application	WB
Primary Accession	Q9BYR7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10407
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KAP3.2
Epitope Specificity	2-98/98
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 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 high sulfur KAP family and the gene is localized to a cluster of KAPs at 17q12-q21. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	83897
Other Names	Keratin-associated protein 3-2, High sulfur keratin-associated protein 3.2, Keratin-associated protein 3.2, KRTAP3-2, KAP3.2, KRTAP3.2
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	KRTAP3-2

Synonyms	KAP3.2, KRTAP3.2
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.

Background

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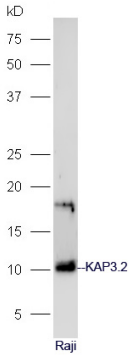
Images



Protein: Raji(human) lysate at 40ug;
Primary: rabbit Anti-KAP3.2 (AP56435) at 1:300;
Secondary: HRP conjugated Goat-Anti-rabbit IgG(AP56435-HRP) at 1: 5000;
Predicted band size: 10 kD
Observed band size: 10 kD