

**AP52424PU-N****Polyclonal Antibody to KRTAP1-3 (Center) - Aff - Purified**

<b>Alternate names:</b>	B2B, KAP1.2, KAP1.3, KAP1.8, KAP1.9, KRATP1.9, KRTAP1.8, Keratin-associated protein 1-3
<b>Quantity:</b>	0.4 ml
<b>Concentration:</b>	lot specific
<b>Background:</b>	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].
<b>Uniprot ID:</b>	<a href="#">Q8IUJ1</a>
<b>NCBI:</b>	<a href="#">NP_112228</a>
<b>GeneID:</b>	<a href="#">81850</a>
<b>Host / Isotype:</b>	Rabbit / Ig
<b>Immunogen:</b>	KLH conjugated synthetic peptide between 95-125 amino acids from the Central region of human KRTAP1-3
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction <b>Purification:</b> Affinity chromatography on Protein A <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% (W/V) sodium azide
<b>Applications:</b>	<b>ELISA:</b> 1/1000. <b>Western Blot:</b> 1/100 - 1/500. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Molecular Weight:</b>	18184 Da
<b>Specificity:</b>	This antibody reacts to KRTAP1-3
<b>Species Reactivity:</b>	<b>Tested:</b> Human.
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Shimomura, Y., et al. J. Biol. Chem. 277(47):45493-45501(2002) 2. Rogers, M.A., et al. J. Biol. Chem. 276(22):19440-19451(2001) 3. Zhumabaeva, B.D., et al. Mol. Biol. (Mosk.) 26(4):813-820(1992)

## Pictures:

KRTAP1-3 Antibody (Center) (Cat. #AP52424PU-N) western blot analysis in HepG2 cell line lysates (35µg/lane). This demonstrates the KRTAP1-3 antibody detected the KRTAP1-3 protein (arrow).

