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

KRTAP13-3 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12430b

Product Information

Application	WB, FC, E
Primary Accession	Q3SY46
Other Accession	NP_853653.1
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28913
Calculated MW	19236
Antigen Region	13-3

Additional Information

Gene ID	337960
Other Names	Keratin-associated protein 13-3, KRTAP13-3, KAP133
Target/Specificity	This KRTAP13-3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-135 amino acids from the C-terminal region of human KRTAP13-3.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	KRTAP13-3 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KRTAP13-3
Synonyms	KAP13.3
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 (By similarity).

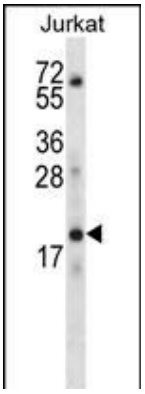
Background

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 (By similarity).

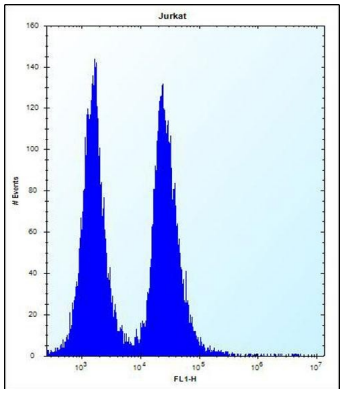
References

Rogers, M.A., et al. J. Biol. Chem. 277(50):48993-49002(2002)

Images



KRTAP13-3 Antibody (C-term) (Cat. #AP12430b) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the KRTAP13-3 antibody detected the KRTAP13-3 protein (arrow).



KRTAP13-3 Antibody (C-term) (Cat. #AP12430b) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.