

KRTAP1-5 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14535

Product Information

Application	WB
Primary Accession	Q9BYS1
Other Accession	NM_031957 , NP_114163
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Goat, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18010

Additional Information

Gene ID	83895
Alias Symbol	KAP1.5, KRTAP1.5, MGC126604
Other Names	Keratin-associated protein 1-5, High sulfur keratin-associated protein 1.5, Keratin-associated protein 1.5, KRTAP1-5, KAP1.5, KRTAP1.5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-KRTAP1-5 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	KRTAP1-5 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KRTAP1-5
Synonyms	KAP1.5, KRTAP1.5
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	Expressed in the middle/upper portions of the hair cortex, in the region

termed the keratogenous zone

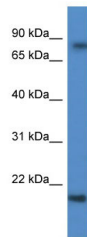
References

Rogers M.A.,et al.J. Biol. Chem. 276:19440-19451(2001).

Zody M.C.,et al.Nature 440:1045-1049(2006).

Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Images



WB Suggested Anti-KRTAP1-5 Antibody Titration: 1.0
µg/ml
Positive Control: Fetal Brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.