

KRTAP11-1 antibody - N-terminal region

Rabbit Polyclonal Antibody Catalog # AI12636

Product Information

Application WB
Primary Accession Q8IUC1

Other Accession <u>NM 175858</u>, <u>NP 787054</u>

Reactivity Human
Predicted Human
Host Rabbit
Clonality Polyclonal
Calculated MW 17085

Additional Information

Gene ID 337880

Alias Symbol KAP11.1, HACL1, HACL-1

Other Names Keratin-associated protein 11-1, High sulfur keratin-associated protein 11.1,

KRTAP11-1, KAP11.1, KRTAP11.1

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-KRTAP11-1 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 KRTAP11-1 antibody - N-terminal region is for research use only and not for

use in diagnostic or therapeutic procedures.

Protein Information

Name KRTAP11-1

Synonyms KAP11.1, KRTAP11.1

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

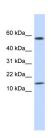
and high-glycine-tyrosine keratins.

Tissue Location Expressed in the upper matrix and in the entire hair cortex

References

Pruett, N.D., (2004) J. Biol. Chem. 279 (49), 51524-51533 Reconstitution and Storage: For short termuse, store at 2-8 Cupto 1 week. For long terms to rage, store at 2-20 Cinsmall aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-KRTAP11-1 Antibody Titration: 0.2-1

ug/ml

ELISA Titer: 1:62500

Positive Control: Human Placenta

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