

**KRTAP11-1 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI12636****Specification**

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**KRTAP11-1 antibody - N-terminal region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">Q8IUC1</a>                                |
| Other Accession   | <a href="#">NM_175858</a> , <a href="#">NP_787054</a> |
| Reactivity        | Human                                                 |
| Predicted         | Human                                                 |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 17kDa KDa                                             |

**KRTAP11-1 antibody - N-terminal region - 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.

**KRTAP11-1 antibody - N-terminal region - 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.

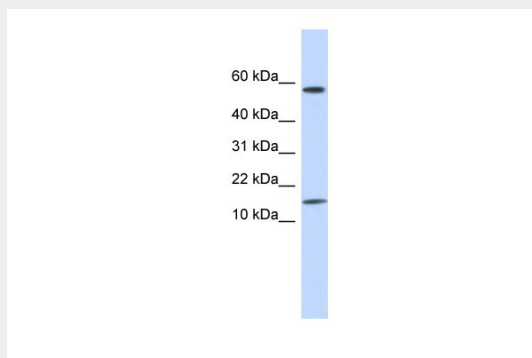
**Tissue Location**

Expressed in the upper matrix and in the entire hair cortex

**KRTAP11-1 antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**KRTAP11-1 antibody - N-terminal region - Images**

WB Suggested Anti-KRTAP11-1 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: Human Placenta

**KRTAP11-1 antibody - N-terminal region - References**

Pruett, N.D., (2004) J. Biol. Chem. 279(49), 51524-51533. Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.