

KAP11.1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP56430

Specification

KAP11.1 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q8IUC1
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KAP11.1
Epitope Specificity	1-80/163
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

KRTAP11-1 belongs to the PMG family. 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-sulphur and high-glycine-tyrosine keratins.

KAP11.1 Polyclonal Antibody - Additional Information

Gene ID 337880

Other Names

Keratin-associated protein 11-1, High sulfur keratin-associated protein 11.1, KRTAP11-1, KAP11.1, KRTAP11.1

Target/Specificity

Expressed in the upper matrix and in the entire hair cortex.

Dilution

IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

KAP11.1 Polyclonal Antibody - 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

KAP11.1 Polyclonal Antibody - 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](#)

KAP11.1 Polyclonal Antibody - Images