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KRT33A Rabbit pAb

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Catalog # AP56421

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O76009
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45940
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human KRT33A
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the intermediate filament family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the keratin gene family. This gene is one of multiple type I hair keratin genes that are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, the encoded protein is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, keratin 33A and keratin 33B. [provided by RefSeq, May 2012]

Additional Information

Gene ID	3883
Other Names	Keratin, type I cuticular Ha3-I, Hair keratin, type I Ha3-I, Keratin-33A, K33A, KRT33A, HHA3-I, HKA3A, KRTHA3A
Target/Specificity	Expressed in the hair follicles.
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	KRT33A
Synonyms	HHA3-I, HKA3A, KRTHA3A
Tissue Location	Expressed in the hair follicles.

Background

This gene encodes a member of the keratin gene family. This gene is one of multiple type I hair keratin genes that are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. As a type I hair keratin, the encoded protein is an acidic protein which heterodimerizes with type II keratins to form hair and nails. There are two isoforms of this protein, encoded by two separate genes, keratin 33A and keratin 33B. [provided by RefSeq, May 2012]