

KRT31 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18844A**Specification**

KRT31 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q15323
Other Accession	Q14525 , O76009 , NP_002268.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	47237
Antigen Region	60-89

KRT31 Antibody (N-term) - Additional Information**Gene ID** 3881**Other Names**

Keratin, type I cuticular Ha1, Hair keratin, type I Ha1, Keratin-31, K31, KRT31, HHA1, HKA1, KRTHA1

Target/Specificity

This KRT31 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-89 amino acids from the N-terminal region of human KRT31.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KRT31 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KRT31 Antibody (N-term) - Protein Information**Name** KRT31**Synonyms** HHA1, HKA1, KRTHA1

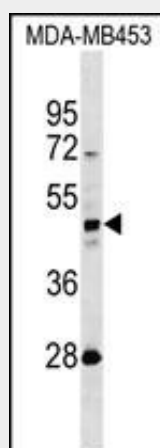
Tissue Location

Present in scalp but not in hairless skin. Abundantly expressed in the differentiating cortex of growing (anagen) hair. Expression is restricted to the keratinocytes of the hair cortex and is absent from inner root sheath and medulla

KRT31 Antibody (N-term) - 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](#)

KRT31 Antibody (N-term) - Images

KRT31 Antibody (N-term)(Cat. #AP18844a) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the KRT31 antibody detected the KRT31 protein (arrow).

KRT31 Antibody (N-term) - Background

The protein encoded by this gene is a member of the keratin gene family. As a type I hair keratin, it is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription.

KRT31 Antibody (N-term) - References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007) :
Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)
Lim, J., et al. Cell 125(4):801-814(2006)
Cribier, B., et al. J. Invest. Dermatol. 122(5):1078-1083(2004)
Langbein, L., et al. J. Biol. Chem. 274(28):19874-19884(1999)