

KRT82 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5049c

Specification

KRT82 Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9NSB4
Other Accession	Q99M74
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Antigen Region	312-341

KRT82 Antibody (Center) - Additional Information

Gene ID 3888

Other Names

Keratin, type II cuticular Hb2, Keratin-82, K82, Type II hair keratin Hb2, Type-II keratin Kb22, KRT82, KRTHB2

Target/Specificity

This KRT82 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 312-341 amino acids from the Central region of human KRT82.

Dilution

WB~~1:1000
IHC-P~~1:50~100

Format

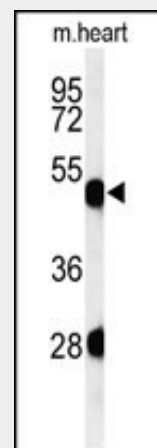
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

KRT82 Antibody (Center) is for research use only and not for use in diagnostic or



Western blot analysis of KRT82 Antibody (Center) (Cat. #AP5049c) in mouse heart tissue lysates (35ug/lane).KRT82 (arrow) was detected using the purified Pab.



KRT82 Antibody (Center) (Cat. #AP5049c) immunohistochemistry analysis in formalin fixed and paraffin embedded human skin carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the KRT82 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

KRT82 Antibody (Center) - Background

KRT82 is a member of the keratin gene family.

therapeutic procedures.

KRT82 Antibody (Center) - Protein Information

Name KRT82

Synonyms KRTHB2

KRT82 Antibody (Center) - 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](#)

As a type II hair keratin, it is a basic protein which heterodimerizes with type I keratins to form hair and nails. The type II hair keratins are clustered in a region of chromosome 12q13 and are grouped into two distinct subfamilies based on structure similarity. One subfamily, consisting of KRTHB1, KRTHB3, and KRTHB6, is highly related. The other less-related subfamily includes KRTHB2, KRTHB4, and KRTHB5. All hair keratins are expressed in the hair follicle; this keratin appears to be a hair cuticle-specific keratin.

KRT82 Antibody (Center) - References

Ewing, R.M., et al. Mol. Syst. Biol. 3, 89 (2007)
Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)
Rogers, M.A., et al. J. Invest. Dermatol. 124(3):536-544(2005)