

Rabbit anti-Human, mouse KRT82 Polyclonal Antibody | anti-KRT82 antibody

KRT82 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288094	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

KRT82; Polyclonal Antibody; KRT82 Antibody (Center); Keratin; type II cuticular Hb2; Keratin-82; K82; Type II hair keratin Hb2; Type-II keratin Kb22; KRTHB2; anti-KRT82 antibody

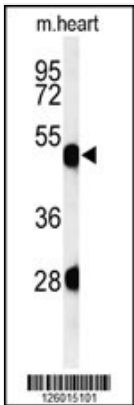
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	312-341
Sequence Length	513
Applicable Applications for anti-KRT82 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
KRT82 Antibody (Center) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-KRT82 antibody	KRT82 is a member of the keratin gene family. 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.
Product Categories/Family for anti-KRT82 antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	27477127
NCBI GeneID	3888
NCBI Accession #	NP_149022.3
NCBI GenBank Nucleotide #	NM_033033.3
UniProt Accession #	Q9NSB4
Molecular Weight	56653
NCBI Official Full Name	keratin, type II cuticular Hb2
NCBI Official Synonym Full Names	keratin 82, type II
NCBI Official Symbol	KRT82
NCBI Official Synonym Symbols	HB2; Hb-2; KRTHB2
NCBI Protein Information	keratin, type II cuticular Hb2
UniProt Protein Name	Keratin, type II cuticular Hb2
UniProt Gene Name	KRT82
UniProt Synonym Gene Names	KRTHB2; K82
UniProt Entry Name	KRT82_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/krt82-antibody-immunohistochemistry-western-blot-elisa/288094>