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KRT73 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP11248b

Product Information

Application	WB, IHC-P, E
Primary Accession	Q86Y46
Other Accession	NP_778238.1
Reactivity	Human
Predicted	Canine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28413
Calculated MW	58923
Antigen Region	493-522

Additional Information

Gene ID	319101
Other Names	Keratin, type II cytoskeletal 73, Cytokeratin-73, CK-73, Keratin-73, K73, Type II inner root sheath-specific keratin-K6irs3, Type-II keratin Kb36, KRT73, K6IRS3, KB36, KRT6IRS3
Target/Specificity	This KRT73 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 493-522 amino acids from the C-terminal region of human KRT73.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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	KRT73 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KRT73
Synonyms	K6IRS3, KB36, KRT6IRS3

Function	Has a role in hair formation. Specific component of keratin intermediate filaments in the inner root sheath (IRS) of the hair follicle (Probable).
Tissue Location	Highly expressed in hair follicles from scalp. In hair, it is specifically present in the inner root sheath (IRS) of the hair follicle. Present in the IRS cuticle, but not in Henle or Huxley layers of the IRS. In the IRS cuticle, it is expressed between the lowermost bulb region of the cuticle and the region where Henle cells undergo abrupt terminal differentiation. Detected up to the uppermost cortex region where cuticle cells terminally differentiate (at protein level).

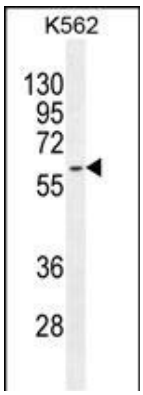
Background

Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene encodes a protein that is expressed in the inner root sheath of hair follicles. The type II keratins are clustered in a region of chromosome 12q13.

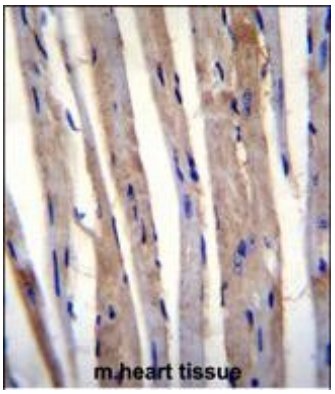
References

Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)
Langbein, L., et al. J. Invest. Dermatol. 120(4):512-522(2003)

Images



KRT73 Antibody (C-term) (Cat. #AP11248b) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the KRT73 antibody detected the KRT73 protein (arrow).



KRT73 Antibody (C-term) (Cat. #AP11248b)immunohistochemistry analysis in formalin fixed and paraffin embedded m.heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of KRT73 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.