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KRT28 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16179b

Product Information

Application	WB, E
Primary Accession	Q7Z3Y7
Other Accession	NP_853513.2
Reactivity	Human
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35541
Calculated MW	50567
Antigen Region	432-460

Additional Information

Gene ID	162605
Other Names	Keratin, type I cytoskeletal 28, Cytokeratin-28, CK-28, Keratin-25D, K25D, Keratin-28, K28, Type I inner root sheath-specific keratin-K25irs4, KRT28 (HGNC:30842)
Target/Specificity	This KRT28 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 432-460 amino acids from the C-terminal region of human KRT28.
Dilution	WB~~1:1000 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	KRT28 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KRT28 (HGNC:30842)
Function	Essential for the proper assembly of types I and II keratin protein

	complexes and the formation of keratin intermediate filaments in the inner root sheath (irs).
Cellular Location	Cytoplasm {ECO:0000250|UniProtKB:A6BLY7}.
Tissue Location	Strongly expressed in skin and scalp, and weak expression observed in thymus. In the hair follicle, expressed in Henle layer, Huxley layer and in the irs cuticle. Expression extends from the bulb region up to the point of differentiation into the three layers Also present in the medulla of beard hair (at protein level)

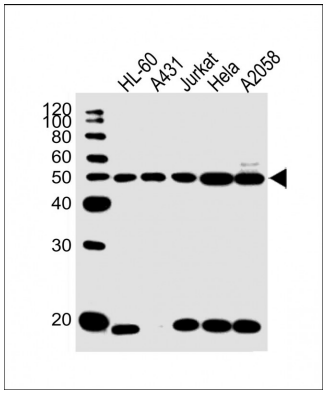
Background

This gene encodes a member of the type I (acidic) keratin family, which belongs to the superfamily of intermediate filament (IF) proteins. Keratins are heteropolymeric structural proteins which form the intermediate filament. These filaments, along with actin microfilaments and microtubules, compose the cytoskeleton of epithelial cells. The type I keratin genes are clustered in a region of chromosome 17q12-q21.

References

Schweizer, J., et al. J. Cell Biol. 174(2):169-174(2006)
Rogers, M.A., et al. Differentiation 72 (9-10), 527-540 (2004) :

Images



All lanes : Anti-KRT28 Antibody (C-term) at 1:1000 dilution Lane 1: HL-60 whole cell lysate Lane 2: A431 whole cell lysate Lane 3: Jurkat whole cell lysate Lane 4: Hela whole cell lysate Lane 5: A2058 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

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