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KRT85 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15336

Product Information

Application	WB
Primary Accession	P78386
Other Accession	NM_002283, NP_002274
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	55802

Additional Information

Gene ID	3891
Alias Symbol	HB5, Hb-5, KRTHB5, hHb5
Other Names	Keratin, type II cuticular Hb5, Hair keratin K2.12, Keratin-85, K85, Type II hair keratin Hb5, Type-II keratin Kb25, KRT85, KRTHB5
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-KRT85 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	KRT85 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

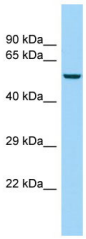
Name	KRT85 (HGNC:6462)
Function	Structural component of intermediate filaments in the hair follicle (PubMed:16525032). As a type II hair keratin, participates in the formation of keratin intermediate filament networks by forming obligate heterodimers with type I hair keratins (PubMed:16525032). Expressed at early stages of hair differentiation in matrix cells and later in cuticle-forming cells, where it contributes to the structural integrity and mechanical resilience of the hair shaft (PubMed:16525032).
Tissue Location	Synthesis occurs immediately above a small population of matrix cells at the base of the hair bulb and the trichocytes lining the dermal papilla and

extends upward through the matrix and ends in the lower part of the cortex of the hair shaft Expressed at early stages of hair differentiation in matrix cells of the hair follicle and later in cuticle-forming cells of the hair shaft (PubMed:11445569).

References

Rogers M.A.,et al.Differentiation 61:187-194(1997).
Rogers M.A.,et al.J. Invest. Dermatol. 114:464-472(2000).
Naeem M.,et al.J. Med. Genet. 43:274-279(2006).

Images



WB Suggested Anti-KRT85 Antibody Titration: 1.0 µg/ml
Positive Control: OVCAR-3 Whole CellKRT85 is supported by BioGPS gene expression data to be expressed in OVCAR3

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