

KRT80 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP10874b

Product Information

Application	WB, E
Primary Accession	Q6KB66
Other Accession	NP_872313.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28277
Calculated MW	50525
Antigen Region	404-432

Additional Information

Gene ID	144501
Other Names	Keratin, type II cytoskeletal 80, Cytokeratin-80, CK-80, Keratin-80, K80, Type-II keratin Kb20, KRT80, KB20
Target/Specificity	This KRT80 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 404-432 amino acids from the C-terminal region of human KRT80.
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	KRT80 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	KRT80
Synonyms	KB20
Tissue Location	Weakly expressed in tongue, but not skin or in any other tissues or organs

examined.

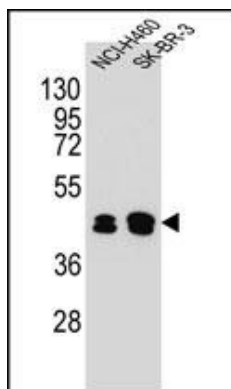
Background

Keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into epithelial keratins and hair keratins. This gene's expression profile shows that it encodes a type II epithelial keratin, although structurally the encoded protein is more like a type II hair keratin. This protein is involved in cell differentiation, localizing near desmosomal plaques in earlier stages of differentiation but then dispersing throughout the cytoplasm in terminally differentiating cells. The type II keratins are clustered in a region of chromosome 12q13. Two transcript variants encoding two different fully functional isoforms have been found for this gene.

References

Langbein, L., et al. J. Biol. Chem. 285(47):36909-36921(2010)
Lamesch, P., et al. Genomics 89(3):307-315(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)

Images



KRT80 Antibody (C-term) (Cat. #AP10874b) western blot analysis in NCI-H460,SK-BR-3 cell line lysates (35ug/lane).This demonstrates the KRT80 antibody detected the KRT80 protein (arrow).

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