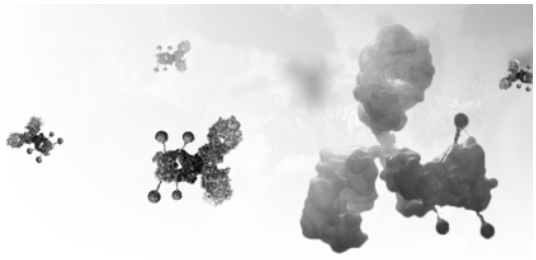

Anti-KRT17 polyclonal antibody (DPABH-01590)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	May play a role in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial "stem cells". May act as an autoantigen in the immunopathogenesis of psoriasis, with certain peptide regions being a major target for autoreactive T-cells and hence causing their proliferation. Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state. Modulates the function of TNF-alpha in the specific context of hair cycling. Regulates protein synthesis and epithelial cell growth through binding to the adapter protein SFN and by stimulating Akt/mTOR pathway. Involved in tissue repair.
Immunogen	Synthetic peptide conjugated to KLH derived from within residues 350 to the C-terminus of Human Cytokeratin 17.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC-P
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS

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Preservative	0.02% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	KRT17 keratin 18 [Homo sapiens]
Official Symbol	KRT17
Synonyms	KRT17; keratin 17; PC; K17; PC2; PCHC1; keratin, type I cytoskeletal 17; 39.1; CK-17; keratin-17; cytokeratin-17; keratin 17 epitope S1; keratin 17 epitope S2; keratin 17 epitope S4;
Entrez Gene ID	3872
Protein Refseq	NP_000413.1
UniProt ID	Q04695
Pathway	EGFR1 Signaling Pathway;
Function	MHC class II protein binding; MHC class II receptor activity; protein binding; structural constituent of cytoskeleton

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