



Anti-KRT16 (aa 301-398) polyclonal antibody (DPAB-DC1803)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus.
Immunogen	KRT16 (NP_005548, 301 a.a. ~ 398 a.a) partial recombinant protein with GST tag. The sequence is RRDAETWFLSKTEELNKEVASNSELVQSSRSEVTTELRRVLQGLEIELQSQLSMKASLENS LEETKGRYCMQLSQIQGLIGSVEEQLAQLRCEMEQQSQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	KRT16 keratin 16 [Homo sapiens (human)]
Official Symbol	KRT16
Synonyms	KRT16; keratin 16; K16; PC1; CK16; K1CP; NEPPK; FNEPPK; KRT16A; keratin, type I cytoskeletal 16; CK-16; keratin-16; cytokeratin 16; cytokeratin-16; focal non-epidermolytic palmoplantar keratoderma;
Entrez Gene ID	3868
Protein Refseq	NP_005548
UniProt ID	P08779
Chromosome Location	17q21.2
Function	protein binding; structural constituent of cytoskeleton;