



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

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| 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 RRDAETWFLSKTEELNKEVASNSELVQSSRSEVTELRRVLQGLEIELQSQLSMKASLENS LEETKGRYCMQLSQQGLIGSVEEQLAQLRCEMEQQSQ |
| 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

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| 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; |