



## Anti-KRT1 (aa 387-496) polyclonal antibody (DPAB-DC1801)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the spinous and granular layers of the epidermis with family member KRT10 and mutations in these genes have been associated with bullous congenital ichthyosiform erythroderma. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.
<b>Immunogen</b>	KRT1 (NP_006112, 387 a.a. ~ 496 a.a) partial recombinant protein with GST tag. The sequence is  HGDSVRNSKIEISELNRVIQRLRSEIDNVKKQISNLQQSISDAEQRGENALKDAKNKLND LEDALQQAKEDLARLLRDYQELMNTKLALDLEIATYRTLLEGEESRMSGE
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">KRT1 keratin 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	KRT1
<b>Synonyms</b>	KRT1; keratin 1; K1; CK1; EHK; EHK1; EPPK; KRT1A; NEPPK; keratin, type II cytoskeletal 1; CK-1; cytokeratin 1; cytokeratin-1; 67 kDa cytokeratin; hair alpha protein; type-II keratin Kb1; epidermolytic hyperkeratosis 1;
<b>Entrez Gene ID</b>	<a href="#">3848</a>
<b>Protein Refseq</b>	<a href="#">NP_006112</a>
<b>UniProt ID</b>	<a href="#">P04264</a>
<b>Chromosome Location</b>	12q13.13
<b>Pathway</b>	Corticotropin-releasing hormone;
<b>Function</b>	carbohydrate binding; protein binding; receptor activity; structural molecule activity

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