



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

Antigen Description	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.
Immunogen	KRT1 (NP_006112, 387 a.a. ~ 496 a.a) partial recombinant protein with GST tag. The sequence is HGDSVRNSKIEISELN RVIQRLRSEIDNVKKQISNLQQSISDAEQRGENALKDAKNKLND LEDALQQAKEDLARLLRDYQELMNTKLALDLEIATYRTLLEGEESRMSG
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	KRT1 keratin 1 [Homo sapiens (human)]
Official Symbol	KRT1
Synonyms	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;
Entrez Gene ID	3848
Protein Refseq	NP_006112
UniProt ID	P04264
Chromosome Location	12q13.13
Pathway	Corticotropin-releasing hormone;
Function	carbohydrate binding; protein binding; receptor activity; structural molecule activity