



Anti-KRT14 (C-terminal) polyclonal antibody (DPAB1949RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti-human cytokeratin 14 polyclonal antibody is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining result
Antigen Description	Keratin, type I cytoskeletal 14 also known as cytokeratin-14 (CK-14) or keratin-14 (K14) is a protein that in humans is encoded by the KRT14 gene. Keratin 14 is a type I keratin. It is usually found as a heterotetramer with two keratin 5 molecules, a type II keratin. Together they form the cytoskeleton of epithelial cells.
Specificity	This antibody reacts with a 50 kD protein. Cytokeratin 14 belongs to the type A (acidic) subfamily of low molecular weight cytokeratins and exists in combination with cytokeratin 5. Cytokeratin 14 may be useful in the study of breast cancer as a prognostic
Immunogen	Recombinant protein derived from c-terminal end of human cytokeratin 14.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IHC
Cellular Localization	Cytoplasmic
Positive Control	Skin
Format	Purified immunoglobulin fraction of rabbit antiserum against Cytokeratin 14 containing sodium azide as a preservative.

Preservative	See individual product datasheet
Storage	Store at 2-8°C. Do not use beyond the expiration date stated on the label.

GENE INFORMATION

Gene Name	KRT14 keratin 14 [Homo sapiens]
Synonyms	KRT14; keratin 14; K14; NFJ; CK14; EBS3; EBS4; keratin, type I cytoskeletal 14; CK-14; keratin-14; cytokeratin 14; cytokeratin-14; keratin 14 (epidermolysis bullosa simplex, Dowling-Meara, Koebner)
Entrez Gene ID	3861
Protein Refseq	NP_000517
UniProt ID	P02533
Chromosome Location	17q12-q21
Pathway	Glucocorticoid receptor regulatory network
Function	protein binding; structural constituent of cytoskeleton