



# Magic™ Anti-KRT18 polyclonal antibody (DPABH-24865)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Involved in the uptake of thrombin-antithrombin complexes by hepatic cells (By similarity). When phosphorylated, plays a role in filament reorganization. Involved in the delivery of mutated CFTR to the plasma membrane. Together with KRT8, is involved in interleukin-6 (IL-6)-mediated barrier protection.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 400 to the C-terminus of Human Cytokeratin 18.
<b>Isotype</b>	IgY
<b>Source/Host</b>	Chicken
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituents: PBS, 3% BSA
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">KRT18 keratin 19 [ Homo sapiens ]</a>
Official Symbol	KRT18
Synonyms	KRT18; keratin 18; K18; CYK18; keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein;
Entrez Gene ID	<a href="#">3875</a>
Protein Refseq	<a href="#">NP_000215.1</a>
UniProt ID	<a href="#">A0A024RAY2</a>
Pathway	Caspase cascade in apoptosis; Pathogenic Escherichia coli infection; Pathogenic Escherichia coli infection;
Function	poly(A) RNA binding; protein binding; scaffold protein binding; structural molecule activity