

Rabbit Anti-KRT18 Polyclonal Antibody

CPB-822RH Rabbit(KRT18)

Lot. No. (See product label)

PRODUCT INFORMATION

Product Overview	Rabbit Anti-KRT18 Polyclonal Antibody
Antigen Description	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin18, together with its filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.
specificity	The antibody detects endogenous level of KRT18 only when phosphorylated at serine 33.
Target	KRT18
Immunogen	Peptide sequence around phosphorylation site of serine 33(A-A-S(p)-V-Y) derived from Human KRT18.
Host	Rabbit
Species	Human
Cross Reactivity	Human
conjugation	N/A
Applications	WB,IHC

PACKAGING

Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

ANTIGEN GENE INFORMATION

Gene Name	KRT18 keratin 18 [Homo sapiens]
Official Symbol	KRT18
Synonyms	KRT18; keratin 18; keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein; K18; CYK18;
GeneID	3875
mRNA Refseq	NM_000224
Protein Refseq	NP_000215
MIM	148070
UniProt ID	P05783
Chromosome Location	12q13

Pathway	Caspase cascade in apoptosis, organism-specific biosystem; EGFR1 Signaling Pathway, organism-specific biosystem; Pathogenic Escherichia coli infection, organism-specific biosystem; Pathogenic Escherichia coli infection, conserved biosystem;
Function	protein binding; structural molecule activity;