



Anti-KRT18 (full length) polyclonal antibody (DPAB-DC1806)

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

PRODUCT INFORMATION

Antigen Description	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, 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.
Immunogen	KRT18 (AAH20982, 1 a.a. ~ 430 a.a) full-length recombinant protein with GST tag. The sequence is MSFTTRSTFSTNYRSLGSVQAPSYGARPVSSAASVYAGAGGSGSRISVSRSTSFRGGMGS GGLATGIAGGLAGMGGIQNEKETMQSLNDRLASYLDRVRSLETENRRLESKIREHLEKKG PQVRDWSHYFKIIEDLRAQIFANTVDNARIVLQIDNARLAADDFRVKYETELAMRQSVEN DIHGLRKVIDDTNITRLQLETEIEALKEELLFMKKNHHEEVKGLQAQIASSGLTVEVDAP KSQDLAKIMADIRAQYDELARKNREELDKYWSQQIEESTTVVTTQSAEVGAAETTLTEL RTVQSLEIDLDSMRNLKASLENSLREVEARYALQMEQLNGILLHLESELAQTRAEGQRQA QEYEALLNIKVKLEAEIATYRRILLEDGEDFNLGDALDSSNSMQ
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	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	KRT18 keratin 18 [Homo sapiens (human)]
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	3875
Protein Refseq	NP_000215
UniProt ID	A0A024RAY2
Chromosome Location	12q13
Pathway	Caspase cascade in apoptosis; Pathogenic Escherichia coli infection;
Function	poly(A) RNA binding; protein binding; scaffold protein binding; structural molecule activity