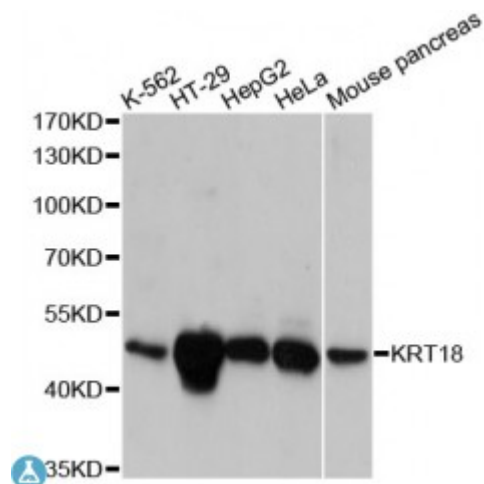


Anti-KRT18 Antibody



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.

Model	STJ116405
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 127-430 of human KRT18 (NP_000215.1).
Gene ID	3875
Gene Symbol	KRT18
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Expressed in colon, placenta, liver and very weakly in exocervix, Increased expression observed in lymph nodes of breast carcinoma
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Keratin type I cytoskeletal 18 Cell proliferation-inducing gene 46 protein Cytokeratin-18 CK-18 Keratin-18 K18

Molecular Weight	48.058 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6430 OMIM:148070 Reactome:R-HSA-6805567
Alternative Names	Keratin type I cytoskeletal 18 Cell proliferation-inducing gene 46 protein Cytokeratin-18 CK-18 Keratin-18 K18
Function	Involved in the uptake of thrombin-antithrombin complexes by hepatic cells , 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,
Cellular Localization	Cytoplasm, perinuclear region, Nucleus, nucleolus
Post-translational Modifications	Phosphorylation at Ser-34 increases during mitosis, Hyperphosphorylated at Ser-53 in diseased cirrhosis liver, Phosphorylation increases by IL-6,

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