



Cytokeratin 18 rabbit pAb

Cat No.:ES2128

For research use only

Overview

Product Name	Cytokeratin 18 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IP;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunoprecipitation: 2-5 ug/mg lysate. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Keratin 18. AA range:1-50
Specificity	Cytokeratin 18 Polyclonal Antibody detects endogenous levels of Cytokeratin 18 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Keratin type I cytoskeletal 18
Gene Name	KRT18
Cellular localization	Cytoplasm, perinuclear region. Nucleus, nucleolus.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	47kD
Human Gene ID	3875
Human Swiss-Prot Number	P05783
Alternative Names	KRT18; CYK18; PIG46; Keratin; type I cytoskeletal 18; Cell proliferation-inducing gene 46 protein; Cytokeratin-18; CK-18; Keratin-18; K18
Background	KRT18 encodes the type I intermediate filament chain keratin 18. Keratin 18, together with its

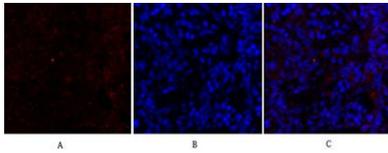




filament partner keratin 8, are perhaps the most commonly found members of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008],

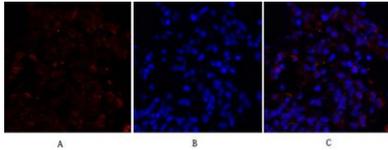
Immunofluorescence analysis of rat-lung tissue.

1,Cytokeratin 18 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target.



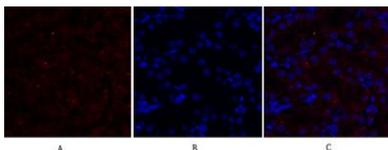
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Immunofluorescence analysis of rat-kidney tissue.

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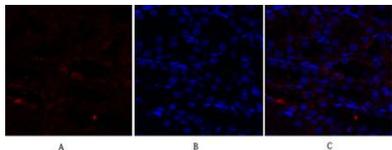




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Immunofluorescence analysis of rat-kidney tissue.

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+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road, Wuhan East Lake Hi-tech Development Zone, Hubei, P.R.C