

Datasheet for ABIN630047

anti-Cytokeratin 18 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	Cytokeratin 18 (KRT18)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cytokeratin 18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Cytokeratin 18 antibody was raised using the N terminal of KRT18 corresponding to a region with amino acids TRSTFSTNYRSLGSVQAPSYGARPVSSAASVYAGAGGSGSRISVSRSTSF
Specificity:	Cytokeratin 18 antibody was raised against the N terminal of KRT18
Purification:	Purified

Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Cytokeratin 18
Background:	KRT18 (Keratin 18) is type I intermediate filament chain. 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

Target Details

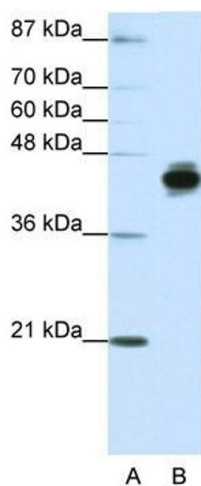
	gene have been linked to cryptogenic cirrhosis.KRT18 encodes the type I intermediate filament chain keratin 18.
Molecular Weight:	47 kDa (MW of target protein)
Pathways:	Apoptosis , Caspase Cascade in Apoptosis

Application Details

Application Notes:	WB: 1.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	Cytokeratin 18 Blocking Peptide, , is also available for use as a blocking control in assays to test for specificity of this Cytokeratin 18 antibody
Restrictions:	For Research Use only

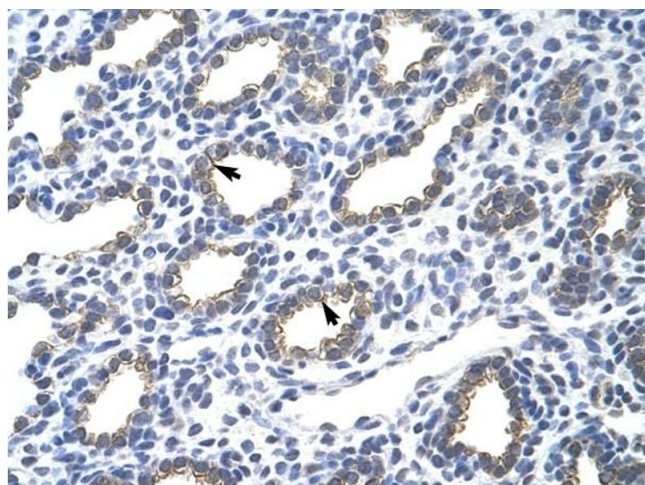
Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of KRT18 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. Cytokeratin 18 antibody used at 1.25 ug/ml to detect target protein.



Immunohistochemistry

Image 2. Cytokeratin 18 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Alveolar cells (arrows) in Human Lung. Magnification is at 400X