

Rabbit Cytokeratin 18 Polyclonal Antibody | anti-KRT18 antibody

Anti-Cytokeratin 18 Antibody

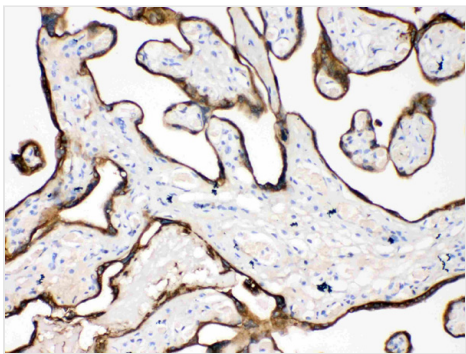
CATALOG # AAA11682	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

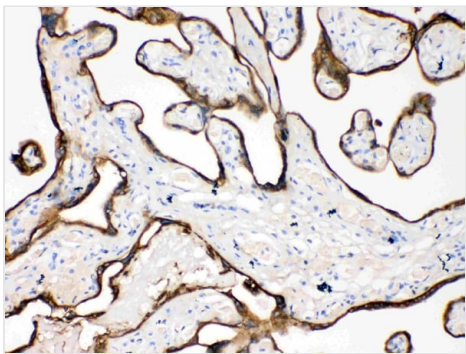
Cytokeratin 18; Polyclonal Antibody; Anti-Cytokeratin 18 Antibody; CK18; CK-18; CK 18; CYK 18; CYK18; Cytokeratin endo B; Cytokeratin-18; K 18; K18; KA18; Keratin 18; Keratin D; Keratin-18; Krt18; P05783; Keratin; type I cytoskeletal 18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

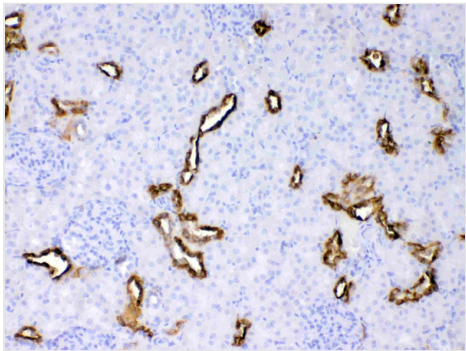
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Western Blot: 0.1-0.5ug/ml Immunohistochemistry(IHC) Paraffin: 0.5-1ug/ml
Notes	Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E Coli-derived human Cytokeratin 18 recombinant protein (Position: E204-H430). Human Cytokeratin 18 shares 87.7% and 85.9% amino acid (aa) sequence identity with mouse and rat Cytokeratin 18, respectively.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.



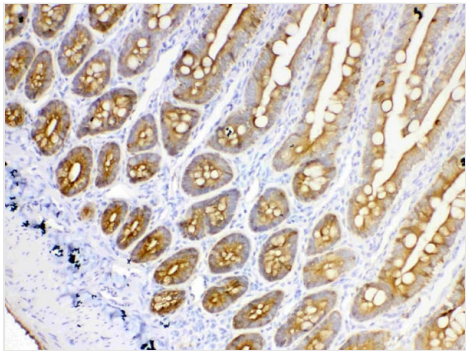
IHC (Immunohistochemistry)
Cytokeratin 18 was detected in paraffin-embedded sections of human placenta tissues using rabbit anti- Cytokeratin 18 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



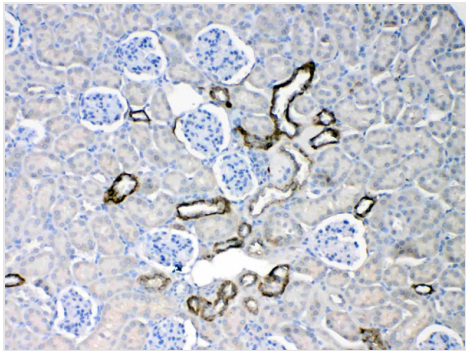
IHC (Immunohistochemistry)
Cytokeratin 18 was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- Cytokeratin 18 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



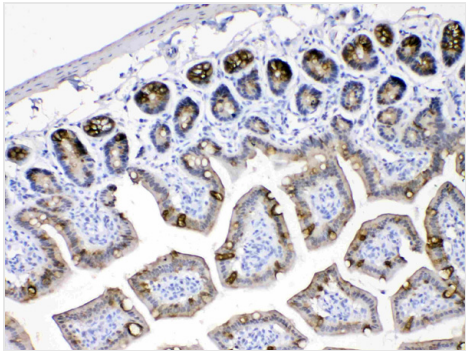
IHC (Immunohistochemistry)
Cytokeratin 18 was detected in paraffin-embedded sections of rat kidney tissues using rabbit anti- Cytokeratin 18 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Cytokeratin 18 was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti- Cytokeratin 18 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Cytokeratin 18 was detected in paraffin-embedded sections of mouse kidney tissues using rabbit anti- Cytokeratin 18 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
Cytokeratin 18 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti- Cytokeratin 18 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT18 antibody	Rabbit IgG polyclonal antibody for Keratin, type I cytoskeletal 18(KRT18) detection. Background: Keratin 18, mapped to 12q13.13, is a type I cytokeratin. It is, together with its filament partner keratin 8, perhaps the most commonly found products 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.
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References	1. "Entrez Gene: KRT18 keratin 18". 2. Ku, N.-O., Wright, T. L., Terrault, N. A., Gish, R., Omary, M. B. Mutation of human keratin 18 in association with cryptogenic cirrhosis. J. Clin. Invest. 99: 19-23, 1997. 3. Ku, N.-O., Darling, J. M., Krams, S. M., Esquivel, C. O., Keeffe, E. B., Sibley, R. K., Lee, Y. M., Wright, T. L., Omary, M. B. Keratin 8 and 18 mutations are risk factors for developing liver disease of multiple etiologies. Proc. Nat. Acad. Sci. 100: 6063-6068, 2003
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NM_000224.2
UniProt Accession #	P05783; Q53G38; Q5U0N8; Q9BW26
Molecular Weight	48,058 Da
NCBI Official Full Name	keratin, type I cytoskeletal 18
NCBI Official Synonym Full Names	keratin 18
NCBI Official Symbol	KRT18
NCBI Official Synonym Symbols	K18; CK-18; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.