

Rabbit anti-Human KRT18/CK18/Cytokeratin 18 Polyclonal Antibody | anti-KRT18 antibody

KRT18/CK18/Cytokeratin 18 Rabbit anti-Human Polyclonal (C-Terminus) Antibody

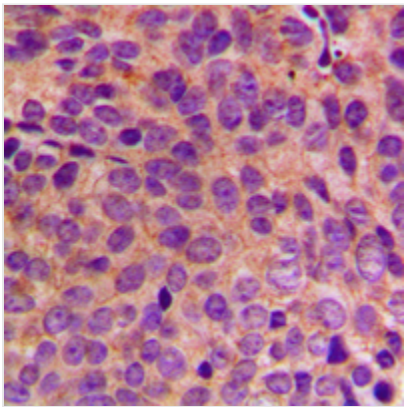
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21349	Rabbit	Human	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

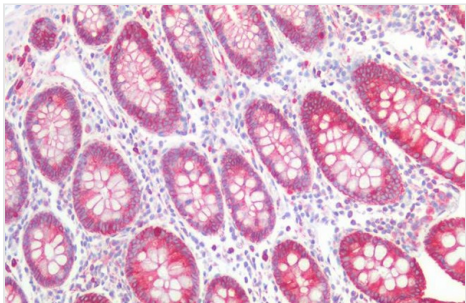
KRT18/CK18/Cytokeratin 18; Polyclonal Antibody; KRT18/CK18/Cytokeratin 18 Rabbit anti-Human Polyclonal (C-Terminus) Antibody; IHC-plus KRT18/CK18/Cytokeratin 18 Antibody (C-Terminus); KRT18; CK-18; Cytokeratin 18; Cytokeratin-18; K18; Keratin 18; CYK18; Keratin-18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

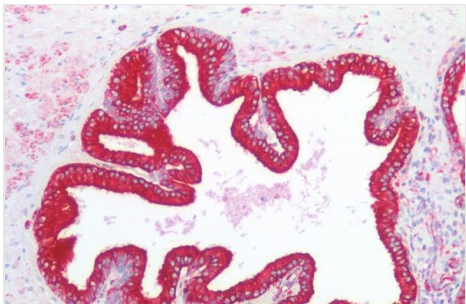
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytokeratin 18 protein.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH7.3, 0.01% Sodium Azide, 30% Glycerol
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KRT18 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Target	Human KRT18/CK18/Cytokeratin 18
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-Terminus of human Cytokeratin 18.
Conjugation	Unconjugated
Epitope	C-Terminus
Family	Keratin
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.



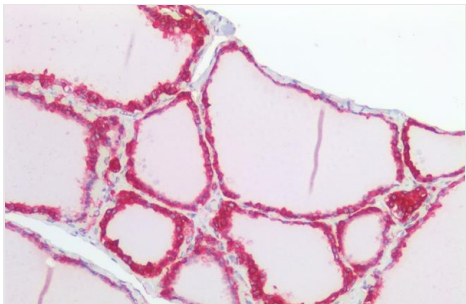
IHC (Immunohistochemistry)
KRT18/CK18/Cytokeratin 18 Antibody-Immunohistochemical analysis of Cytokeratin 18 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with hematoxylin and mounted with DPX.



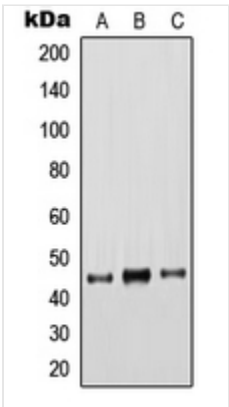
IHC (Immunohistochemistry)
KRT18/CK18/Cytokeratin 18 Antibody-Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



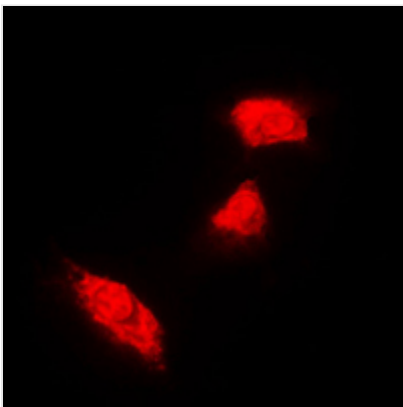
IHC (Immunohistochemistry)
KRT18/CK18/Cytokeratin 18 Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
KRT18/CK18/Cytokeratin 18 Antibody-Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)
KRT18/CK18/Cytokeratin 18 Antibody-Western blot analysis of Cytokeratin 18 expression in HeLa (A); A431 (B); MCF7 (C) whole cell lysates.



ICC (Immunocytochemistry)
KRT18/CK18/Cytokeratin 18 Antibody-Immunofluorescent analysis of Cytokeratin 18 staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT18 antibody	Cytokeratin 18 antibody is an unconjugated rabbit polyclonal antibody to human Cytokeratin 18 (KRT18/CK18)(C-Terminus). Validated for ICC, IF, IHC and WB. Tested on 20 paraffin-embedded human tissues.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557888
NCBI GeneID	3875
NCBI Accession #	NP_000215.1
NCBI GenBank Nucleotide #	NM_000224
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; CYK18
NCBI Protein Information	keratin, type I cytoskeletal 18; CK-18; keratin-18; cytokeratin 18; cytokeratin-18; cell proliferation-inducing protein 46; cell proliferation-inducing gene 46 protein
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	KRT18
UniProt Synonym Gene Names	CYK18; CK-18; K18
UniProt Entry Name	K1C18_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/krt18-ck18-cytokeratin-18-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-immunohistochemistry-western-blot-elisa/21349>