

Goat KRT18/CK18/Cytokeratin 18 Polyclonal Antibody | anti-KRT18 antibody

Anti-KRT18/CK18/Cytokeratin 18 Antibody (aa265-276)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162281	Goat	Human Predicted: Xenopus, Bat, Rat, Pig, Horse, Rabbit, Mouse, Guinea pig, Bovine, Monkey	Western Blot, Immunohistochemistry, ELISA

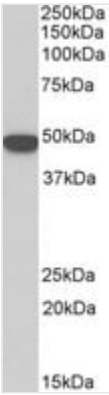
PRODUCT SYNONYMS

KRT18/CK18/Cytokeratin 18; Polyclonal Antibody; Anti-KRT18/CK18/Cytokeratin 18 Antibody (aa265-276); Mouse Monoclonal [clone C-04] (IgG1) to Human KRT18/CK18/Cytokeratin 18; KRT18; CK-18; Cytokeratin 18; Cytokeratin-18; K18; Keratin 18; CYK18; Keratin-18; anti-KRT18 antibody

PRODUCT SPECIFICATIONS

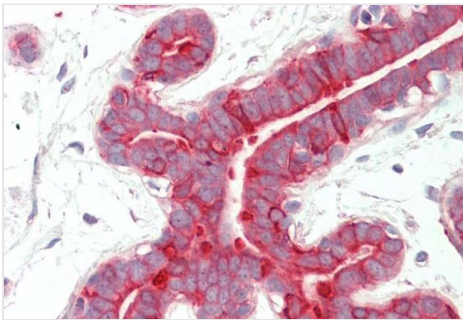
Host	Goat
Reactivity	Human Predicted: Xenopus, Bat, Rat, Pig, Horse, Rabbit, Mouse, Guinea pig, Bovine, Monkey
Clonality	Polyclonal
Specificity	Human KRT18/Cytokeratin 18. Reported variants represent identical protein: NP_000215.1, NP_954657.1.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide C-EELDKYWSQQIE from an internal region of human KRT18/Cytokeratin 18 (NP_000215.1). Percent identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Mouse, Rat, Ferret, Bovine, Bat, Elephant, Panda, Rabbit, Horse, Pig, Guinea pig, Xenopus (100%); Platypus (92%).
Conjugation	Unconjugated
Epitope	aa265-276
Preparation and Storage	Store at -20 degree C. Avoid freeze-thaw cycles.

IMAGES



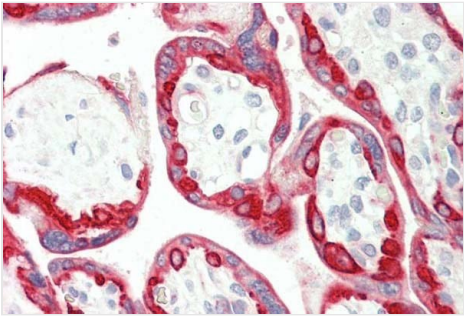
WB (Western Blot)

KRT18 antibody (0.1 ug/ml) staining of HeLa lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



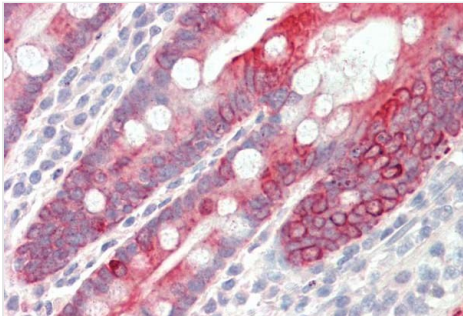
IHC (Immunohistochemisry)

Anti-KRT18/CK18/Cytokeratin 18 antibody IHC staining of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohiostchemistry)

Anti-KRT18/CK18/Cytokeratin 18 antibody IHC staining of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-KRT18/CK18/Cytokeratin 18 antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT18 antibody	KRT18 encodes the type I intermediate filament chain keratin 18.Keratin 18, together with its filament partner keratin 8, are perhapsthe most commonly found members of the intermediate filament genefamily. they are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis.
Product Categories/Family for anti-KRT18 antibody	Keratin

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/krt18-ck18-cytokeratin-18-antibody-western-blot-immunohistochemistry-elisa/162281>