

Rabbit anti-Human, Mouse Keratin 18 (KRT18) Polyclonal Antibody | anti-KRT18 antibody

Polyclonal Antibody to Keratin 18 (KRT18)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20194	Rabbit	Human, Mouse	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

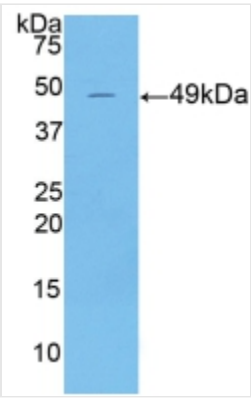
PRODUCT SYNONYMS

Keratin 18 (KRT18); Polyclonal Antibody; Polyclonal Antibody to Keratin 18 (KRT18); anti-KRT18 antibody

PRODUCT SPECIFICATIONS

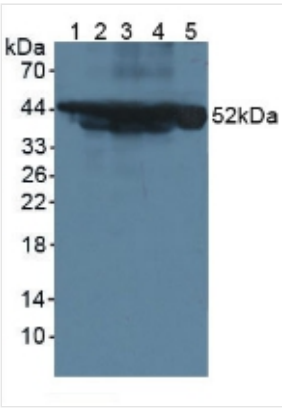
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against KRT18. It has been selected for its ability to recognize KRT18 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ N, 50% glycerol.
Concentration	0.7mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-MSFTTRST TFSTNYRSLG SVRTPSQVR PASSAASVYA GAGGSGSRIS VSRVWGGSV GSAGLAGMGG IQTEKETMQD LNDRLASYLD KVKSLTENR RLESKIREHL EKKGPQGVDR WGHYFKIIE LRAQIFANSV DNARIVLQID NARLAADDFR VKYETELAMR QSVESDIHGL RKVDDTNIT RLQLETEIEA LKEELFMKK NHEEEVQGLE AQIASSGLTV EVDAPKSQDL SKIMADIRAQ YEALAQKNRE ELDKYWSQQI EESTTVVTTK SAEIRDAETT LTELRLTLQT LEIDLDSMKN QNINLENSLG DVEARYKAQM EQLNGVLLHL ESELAQTRAE GQRQAQYEYA LLNIKVKLEA EIATYRRLLE DGEDFSLNDA LDSSNSMQTV QKTTTRKIVD GRVVSETNDT RVLRLH
Sequence Length	430
Applicable Applications for anti-KRT18 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant KRT18 (Met1~His423) expressed in E.coli.
Cross Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)

Knockout Validation: Lane 1: Wild-type Hela cell lysate;;Lane 2: KRT18 knockout Hela cell lysate;;Predicted MW: 48kDa ;Observed MW: 52kDa;Primary Ab: 1ug/ml Rabbit Anti-Mouse KRT18 Antibody;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;(Mouse.



WB (Western Blot)

Western Blot: Sample: Lane1: Mouse Serum; Lane2: Mouse Intestine Tissue; Lane3: Mouse Pancreas Tissue; Lane4: Mouse Liver Tissue; Lane5: Human Hela Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KRT18 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	254540068
NCBI GeneID	16668
NCBI Accession #	NP_034794.2
NCBI GenBank Nucleotide #	NM_010664.2
UniProt Accession #	P05784; Q3TIX1; Q3TJH6; Q3TJW7; Q61766
Molecular Weight	47,538 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; CK18; Krt1-18
NCBI Protein Information	keratin, type I cytoskeletal 18
UniProt Protein Name	Keratin, type I cytoskeletal 18
UniProt Gene Name	Krt18
UniProt Synonym Gene Names	Kerd; Krt1-18; Keratin D; 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.