

Rabbit anti-Human, Mouse Cytokeratin 20 (KRT20) Polyclonal Antibody | anti-KRT20 antibody

Cytokeratin 20 (KRT20) Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282390	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

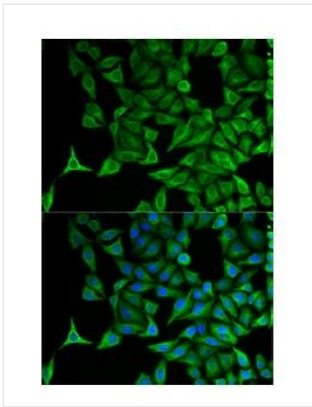
PRODUCT SYNONYMS

Cytokeratin 20 (KRT20); Polyclonal Antibody; Cytokeratin 20 (KRT20) Rabbit pAb; K20; CD20; CK20; CK-20; KRT21; anti-KRT20 antibody

PRODUCT SPECIFICATIONS

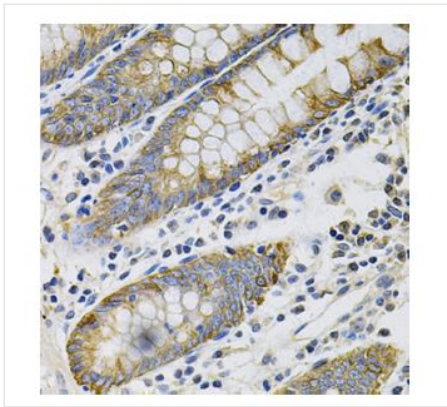
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	KYEVMAQKNL QEAKEQFERQ TAVLQQQVTV NTEELKGTEV QLTELRRTSQ SLEIELQSHL SMKESLEHTL EETKARYSSQ LANLQSLSS LEAQLMQIRS NMERQNNEYH ILLDIKTRLE QEIATYRRLL EGEDVKTTEY QLSTLEERDI KKTRKIKTVV QEVVDGKVVS SEVKEVEENI
Applicable Applications for anti-KRT20 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Cellular Location	Cytoplasm
Research Area	Cancer, Tumor biomarkers, Signal Transduction, Cell Biology Developmental Biology, Cytoskeleton, Intermediate Filaments
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 245-424 of human Cytokeratin 20 (KRT20)(NP_061883.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



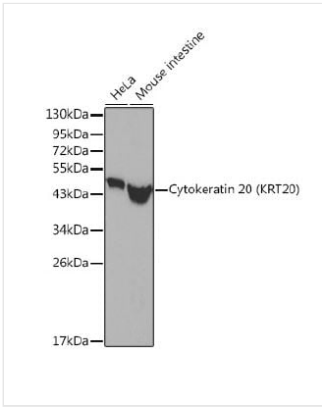
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using Cytokeratin 20 (Cytokeratin 20 (KRT20)) antibody (AAA282390). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human colon using Cytokeratin 20 (Cytokeratin 20 (KRT20)) antibody (AAA282390) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Cytokeratin 20 (Cytokeratin 20 (KRT20)) antibody (AAA282390). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT20 antibody	The protein encoded by this gene is a member of the keratin family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. The type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This cytokeratin is a major cellular protein of mature enterocytes and goblet cells and is specifically expressed in the gastric and intestinal mucosa. The type I cytokeratin genes are clustered in a region of chromosome 17q12-q21.
Product Categories/Family for anti-KRT20 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	27894337
NCBI GeneID	54474
NCBI Accession #	NP_061883.1
NCBI GenBank Nucleotide #	NM_019010.2
UniProt Accession #	P35900 ; B2R6W7

Molecular Weight	48,487 Da
NCBI Official Full Name	keratin, type I cytoskeletal 20
NCBI Official Synonym Full Names	keratin 20
NCBI Official Symbol	KRT20
NCBI Official Synonym Symbols	K20; CD20; CK20; CK-20; KRT21
NCBI Protein Information	keratin, type I cytoskeletal 20; keratin-20; protein IT; cytokeratin 20; cytokeratin-20
UniProt Protein Name	Keratin, type I cytoskeletal 20
UniProt Gene Name	KRT20
UniProt Synonym Gene Names	CK-20; K20
UniProt Entry Name	K1C20_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytokeratin-20-krt20-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/282390>