

Rabbit KRT7/CK7/Cytokeratin 7 Polyclonal Antibody | anti-KRT7 antibody

KRT7/CK7/Cytokeratin 7 Rabbit anti-Human Polyclonal (C-Terminus) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162704	Rabbit	Mouse, Rat, Human	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

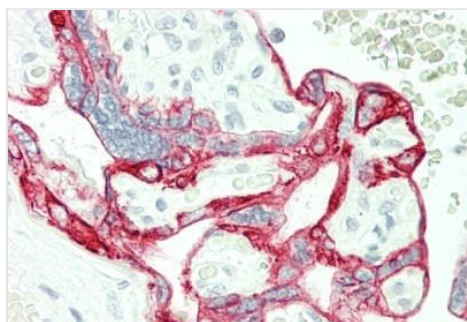
PRODUCT SYNONYMS

KRT7/CK7/Cytokeratin 7; Polyclonal Antibody; KRT7/CK7/Cytokeratin 7 Rabbit anti-Human Polyclonal (C-Terminus) Antibody; PathPlus KRT7/CK7/Cytokeratin 7 Antibody (C-Terminus); KRT7; CK-7; Cytokeratin 7; CK7; K2C7; K7; Keratin 7; Keratin-7; SCL; Type II mesothelial keratin K7; Cytokeratin-7; Sarcolectin; Type-II keratin Kb7; anti-KRT7 antibody

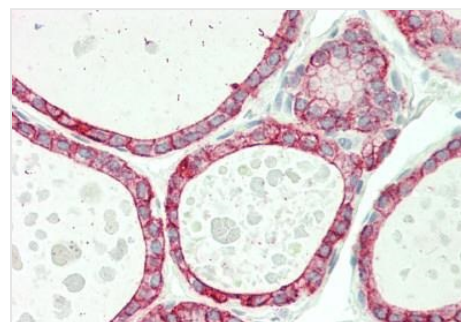
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytokeratin 7 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-KRT7 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Target	Human KRT7/CK7/Cytokeratin 7
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-Terminus of human Cytokeratin 7.
Conjugation	Unconjugated
Epitope	C-Terminus
Preparation and Storage	Store at -20 degree C. Aliquot to avoid freeze/thaw cycles.

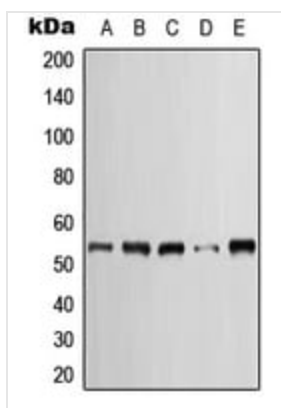
IMAGES



IHC (Immunohistochemistry)
KRT7/CK7/Cytokeratin 7 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)

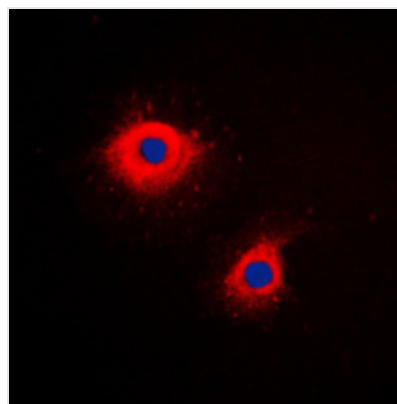


IHC (Immunohistochemistry)
KRT7/CK7/Cytokeratin 7 Antibody-Human Thyroid: Formalin-Fixed, Paraffin-Embedded (FFPE)



WB (Western Blot)

KRT7/CK7/Cytokeratin 7 Antibody-Western blot analysis of Cytokeratin 7 expression in HeLa (A); SP2/0 (B); H9C2 (C); A431 (D); NIH3T3 (E) whole cell lysates.



ICC (Immunocytochemistry)

KRT7/CK7/Cytokeratin 7 Antibody-Immunofluorescent analysis of Cytokeratin 7 staining in HeLa 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-KRT7 antibody	Cytokeratin 7 antibody is an unconjugated rabbit polyclonal antibody to Cytokeratin 7 (KRT7/CK7)(C-Terminus) from human. It is reactive with human, mouse and rat. Validated for ICC, IF, IHC and WB. CK7 (KRT7) is an intermediate filament type II keratin that is expressed in a number of simple epithelia including breast, lung, bladder, female genital tract (ovary, endometrium and fallopian tube), gastrointestinal tract, gallbladder, hepatic ducts, pancreatic ducts, and urinary tract. CK7 is usually positive in breast cancers as well as ovarian, lung, thyroid, endometrial, bladder and chromophobe renal cell carcinomas. It is negative in colon cancer, hepatocellular carcinomas, squamous cancers, and prostate adenocarcinomas. Staining for this target is expected to be cytoplasmic.
References	Front Oncol. 2018 Dec 18;8:634, PMID: 30619768; Manual of Diagnostic Cytology (2 ed.). 2003. Greenwich Medical Media, Ltd. p. 173. ISBN 978-1-84110-100-2; The Journal of Cell Biology. 2006. 174 (2): 169 -74, PMID: 16831889.

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782365
NCBI GeneID	3855
NCBI Accession #	NP_005547.3
NCBI GenBank Nucleotide #	NM_005556.3
UniProt Accession #	P08729 ; Q92676 ; Q9BUD8 ; Q9Y3R7
Molecular Weight	51,386 Da
NCBI Official Full Name	keratin, type II cytoskeletal 7
NCBI Official Synonym Full Names	keratin 7
NCBI Official Symbol	KRT7
NCBI Official Synonym Symbols	K7; CK7; SCL; K2C7
NCBI Protein Information	keratin, type II cytoskeletal 7; CK-7; keratin-7; sarcolectin; cytokeratin 7; cytokeratin-7; type-II keratin Kb7; type II mesothelial keratin K7; keratin, 55K type II cytoskeletal; keratin, simple epithelial type I, K7
UniProt Protein Name	Keratin, type II cytoskeletal 7
UniProt Gene Name	KRT7

UniProt Synonym Gene Names	SCL; CK-7; K7
UniProt Entry Name	K2C7_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/krt7-ck7-cytokeratin-7-antibody-western-blot-immunohistochemistry-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/162704>