Rabbit Cytokeratin 7 Polyclonal Antibody | anti-KRT7 antibody

Anti-Cytokeratin 7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104915	**Rabbit**	**Human, Mouse, Rat**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

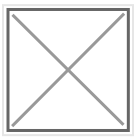
PRODUCT SYNONYMS

Cytokeratin 7; Polyclonal Antibody; Anti-Cytokeratin 7 Antibody; SCL; Keratin; type II cytoskeletal 7; Cytokeratin-7; CK-7; Keratin-7; K7; Sarcolectin; Type-II keratin Kb7; anti-KRT7 antibody

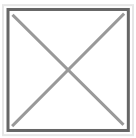
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytokeratin 7 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	469
Applicable Applications for anti-KRT7 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Cytokeratin 7. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
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 degree 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).



IHC (Immunohiostchemistry)

WB (Western Blot)
Western blot analysis of Cytokeratin 7 expression in HeLa (A), A431 (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody	Rabbit polyclonal antibody to Cytokeratin 7

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/cytokeratin-7-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104915