

Rabbit anti-Human KRT7 Polyclonal Antibody | anti-KRT7 antibody

KRT7 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288308	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

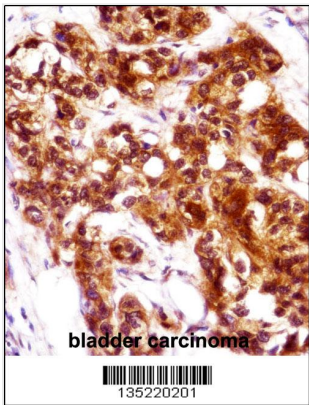
PRODUCT SYNONYMS

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

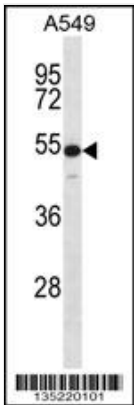
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KRT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-139 amino acids from the N-terminal region of human KRT7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	111-139
Sequence Length	469
Applicable Applications for anti-KRT7 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
KRT7 Antibody (N-term) (AAA288308)immunohistochemistry analysis in formalin fixed and paraffin embedded human bladder carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of KRT7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
KRT7 Antibody (N-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the KRT7 antibody detected the KRT7 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.
Product Categories/Family for anti-KRT7 antibody	Signal Transduction
References	Tsai, Y.Y., et al. Acta Derm. Venereol. 90(4):438-439(2010) Stewart, C.J., et al. Histopathology 57(1):46-54(2010) Nagashio, R., et al. Pathol. Int. 60(2):71-77(2010) Sano, M., et al. Int. J. Oncol. 36(2):321-330(2010) Park, S., et al. Pathology 41(7):640-644(2009)

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	51386
NCBI Official Full Name	keratin, type II cytoskeletal 7
NCBI Official Synonym Full Names	keratin 7, type II
NCBI Official Symbol	KRT7

NCBI Official Synonym Symbols	K7; CK7; SCL; K2C7
NCBI Protein Information	keratin, type II cytoskeletal 7
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://www.aaabiotech.com/polyclonal/krt7-antibody-immunohistochemistry-western-blot-elisa/288308>