

Rabbit Keratin 17 Polyclonal Antibody | anti-KRT17 antibody

Keratin 17 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288585	Rabbit	Human, mouse, rat	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

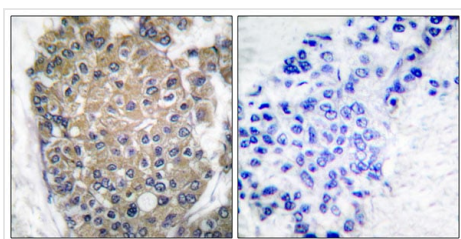
PRODUCT SYNONYMS

Keratin 17; Polyclonal Antibody; Keratin 17 Antibody; Keratin; type I cytoskeletal 17; Cytokeratin-17; CK-17; Keratin-17; K17; KRT17; anti-KRT17 antibody

PRODUCT SPECIFICATIONS

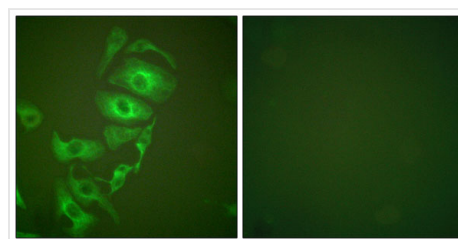
Host	Rabbit
Reactivity	Human, mouse, rat
Clonality	Polyclonal
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Positions	400-430
Sequence Length	432
Applicable Applications for anti-KRT17 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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



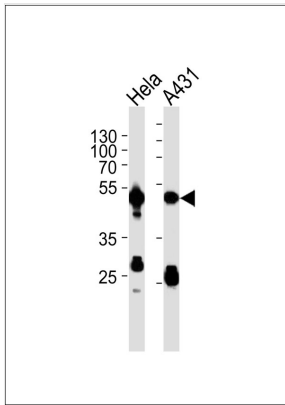
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using keratin 17 antibody. The negative controls in the IHC image is produced with the immunizing peptide.



IF (Immunofluorescence)

Immunofluorescence analysis of HepG2 cells, using keratin 17 antibody. The negative controls in the ICC image is produced with the immunizing peptide.



WB (Western Blot)

Western blot analysis of lysates from HeLa, A431 cell line (from left to right), using Keratin 17 Antibody (C0242). C0242 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT17 antibody	May play a role in the formation and maintenance of various skin appendages, specifically in determining shape and orientation of hair. May be a marker of basal cell differentiation in complex epithelia and therefore indicative of a certain type of epithelial "stem cells". May act as an autoantigen in the immunopathogenesis of psoriasis, with certain peptide regions being a major target for autoreactive T-cells and hence causing their proliferation. Required for the correct growth of hair follicles, in particular for the persistence of the anagen (growth) state. Modulates the function of TNF-alpha in the specific context of hair cycling. Regulates protein synthesis and epithelial cell growth through binding to the adapter protein SFN and by stimulating Akt/mTOR pathway. Involved in tissue repair (By similarity).
Product Categories/Family for anti-KRT17 antibody	Signal Transduction
References	Trojanovsky S.M., et al. Eur. J. Cell Biol. 59:127-137(1992). Flohr T., et al. Eur. J. Immunol. 22:975-979(1992). Ota T., et al. Nat. Genet. 36:40-45(2004). Zody M.C., et al. Nature 440:1045-1049(2006). McLean W.H.I., et al. Nat. Genet. 9:273-278(1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557701
NCBI GeneID	3872
NCBI Accession #	NP_000413.1
NCBI GenBank Nucleotide #	NM_000422.2
UniProt Accession #	Q04695 ; Q6IP98 ; Q8N1P6 ; A5Z1M9 ; A5Z1N0 ; A5Z1N1 ; A5Z1N2 ; A6NDV6 ; A6NKQ2
Molecular Weight	48106
NCBI Official Full Name	keratin, type I cytoskeletal 17
NCBI Official Synonym Full Names	keratin 17, type I
NCBI Official Symbol	KRT17
NCBI Official Synonym Symbols	PC; K17; PC2; PCHC1
NCBI Protein Information	keratin, type I cytoskeletal 17
UniProt Protein Name	Keratin, type I cytoskeletal 17
UniProt Gene Name	KRT17

UniProt Synonym Gene Names	CK-17; K17
UniProt Entry Name	K1C17_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/keratin-17-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/288585>