

Rabbit anti-Human KRT6C Polyclonal Antibody | anti-KRT6C antibody

Anti-KRT6C Antibody, Rabbit Polyclonal

CATALOG # AAA254911	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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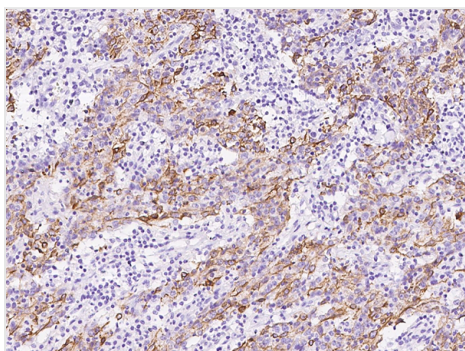
PRODUCT SYNONYMS

KRT6C; Polyclonal Antibody; Anti-KRT6C Antibody; Rabbit Polyclonal; KRT6C Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-K6E Antibody; Anti-KRT6E Antibody; anti-KRT6C antibody

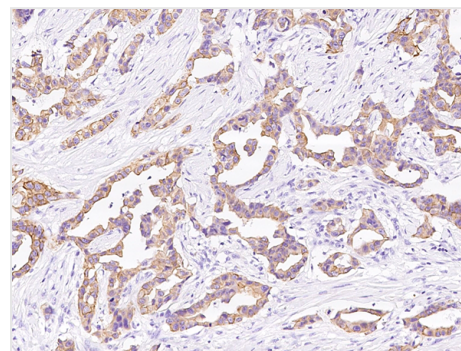
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human KRT6C
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-KRT6C antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human KRT6C
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human KRT6C, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining of human KRT6C in human lung cancer with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunohistochemical staining of human KRT6C in human breast carcinoma with rabbit polyclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT6C antibody	keratin KRT6C is a constituent of the cytoskeleton that maintains epidermal integrity and cohesion. Abnormal expression of KRT6C may affect its structural role in the epidermis. Keratins as fibrous proteins, offer structural integrity to various tissues in providing the functional role of protection or load bearing. Keratins consist of central alpha-helical rod domains that are flanked by non-alpha-helical head and tail domains. keratins have evolutionarily conserved and domain-selectively enriched amino acids including glycine and phenylalanine (epidermal), cysteine and proline (hair), and basic and acidic (simple-type epithelial), which reflect unique functions related to structural flexibility, rigidity and solubility, respectively.
References	Strnad P, et al. (2011) Unique amino acid signatures that are evolutionarily conserved distinguish simple-type, epidermal and hair keratins. J Cell Sci 124 (Pt 24): 4221-4232.Kakkar P, et al. (2016) Transient structures of keratins from hoof and horn influence their self association and supramolecular assemblies. Int J Biol Macromol 93 (Pt A): 172-178.Guo Z, et al. (2016) Proteomic profiling reveals candidate markers for arsenic-induced skin keratosis. Environ Pollut 218 34-38.

NCBI AND UNIPROT INFORMATION

NCBI GI #	155969697
NCBI GeneID	286887
NCBI Accession #	NP_775109.2
NCBI GenBank Nucleotide #	NM_173086.4
UniProt Accession #	P48668; P48666; Q2TAZ9; Q7RTN9; A1L4L5
Molecular Weight	60 kDa
NCBI Official Full Name	keratin, type II cytoskeletal 6C
NCBI Official Synonym Full Names	keratin 6C, type II
NCBI Official Symbol	KRT6C
NCBI Official Synonym Symbols	K6E; KRT6E; PPKNEFD
NCBI Protein Information	keratin, type II cytoskeletal 6C; CK-6C; CK-6E; K6C; cytokeratin-6C; cytokeratin-6E; keratin 6E; keratin K6h; type-II keratin Kb12
UniProt Protein Name	Keratin, type II cytoskeletal 6C
UniProt Gene Name	KRT6C
UniProt Synonym Gene Names	KRT6E; CK-6C; CK-6E; K6C
UniProt Entry Name	K2C6C_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.