

Rabbit anti-Human keratin 76/KRT76 Polyclonal Antibody | anti-KRT76 antibody

Anti-keratin 76/KRT76 Antibody, Rabbit Polyclonal

CATALOG # AAA254949	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

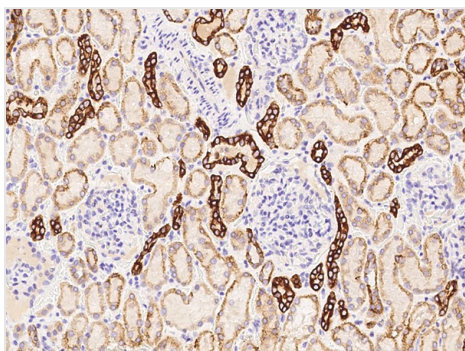
PRODUCT SYNONYMS

keratin 76/KRT76; Polyclonal Antibody; Anti-keratin 76/KRT76 Antibody; Rabbit Polyclonal; KRT76 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-HUMCYT2A Antibody; Anti-KRT2P Antibody; anti-KRT76 antibody

PRODUCT SPECIFICATIONS

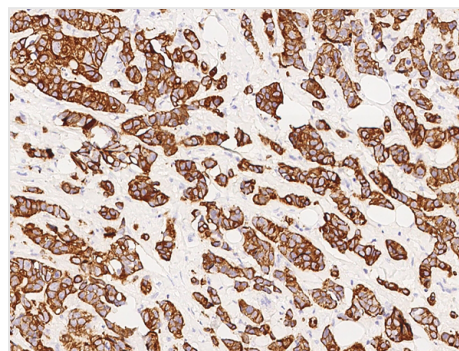
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human KRT76
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-KRT76 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human KRT76
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human KRT76, 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. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human KRT76 in human kidney with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human KRT76 in human breast carcinoma with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT76 antibody	Keratin 76 (Krt76) is expressed in the differentiated epithelial layers of skin, oral cavity and squamous stomach. Krt76 downregulation in human oral squamous cell carcinomas (OSCC) correlates with poor prognosis. Krt76 is a type II intermediate filament protein expressed in the differentiating, non-proliferative layers of a subset of stratified epithelia in human and mouse. Krt76 is the most significantly downregulated gene encoding a structural protein in human oral squamous cell carcinoma (OSCC) and correlates strongly with poor prognosis. OSCC arises from the multilayered epithelial lining of the mouth and the lips. It involves mostly the tongue, but can also occur in the floor of the mouth, gingiva, lip, cheek and palate. In patients, KRT76 is detected in 100% of normal gingivobuccal epithelial biopsies, 44% of oral preneoplastic lesions and 35% of OSCC.
References	Sequeira I, et al. (2019) The role of keratins in modulating carcinogenesis via communication with cells of the immune system. Cell Stress 3 (4): 136-138.Sequeira I, et al. (2018) Immunomodulatory role of keratin 76 in oral and gastric cancer. Nat Commun 9 (1): 3437.Ambatipudi S, et al. (2013) Downregulation of keratin 76 expression during oral carcinogenesis of human, hamster and mouse. PLoS One 8 (7): e70688.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153791670
NCBI GeneID	51350
NCBI Accession #	NP_056932.2
NCBI GenBank Nucleotide #	NM_015848.4
UniProt Accession #	Q01546; Q7Z795; B4DRR3
Molecular Weight	50-67kDa
NCBI Official Full Name	keratin, type II cytoskeletal 2 oral
NCBI Official Synonym Full Names	keratin 76
NCBI Official Symbol	KRT76
NCBI Official Synonym Symbols	KRT2B; KRT2P; HUMCYT2A
NCBI Protein Information	keratin, type II cytoskeletal 2 oral
UniProt Protein Name	Keratin, type II cytoskeletal 2 oral
UniProt Gene Name	KRT76
UniProt Synonym Gene Names	KRT2B; KRT2P; CK-2P; K2P; K76
UniProt Entry Name	K22O_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-76-krt76-antibody-immunohistochemistry-elisa/254949>