

Rabbit anti-Human Cytokeratin 8 Polyclonal Antibody | anti-KRT8 antibody

Cytokeratin 8 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258599	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

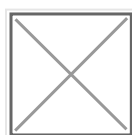
PRODUCT SYNONYMS

Cytokeratin 8; Polyclonal Antibody; Cytokeratin 8 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CARD2 Antibody; Anti-CK-8 Antibody; Anti-CK8 Antibody; Anti-CYK8 Antibody; Anti-K2C8 Antibody; Anti-K8 Antibody; Anti-KO Antibody; anti-KRT8 antibody

PRODUCT SPECIFICATIONS

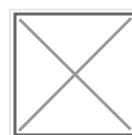
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human Cytokeratin 8
Applicable Applications for anti-KRT8 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human Cytokeratin 8, 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 to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



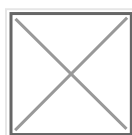
IP (Immunoprecipitation)

KRT8 was immunoprecipitated using:; Lane A:0.5 mg A431 Whole Cell Lysate; Lane B:0.5 mg Hela Whole Cell Lysate; 4 uL anti-KRT8 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.; Primary antibody:; Anti-KRT8 rabbit polyclonal antibody, at 1:100 dilution; Secondary antibody:; Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size: 55 kDa; Observed band size :55 kDa



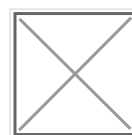
IHC (Immunohistochemistry)

Immunochemical staining of human Cytokeratin 8 in human breast carcinoma with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human Cytokeratin 8 in human colon with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-Cytokeratin 8 rabbit polyclonal antibody at 1:500 dilution; Lane A: A431 Whole Cell Lysate; Lane B: Hela Whole Cell Lysate; Lysates/proteins at 30 ug per lane.; Secondary; Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size:54 kDa; Observed band size:54 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-KRT8 antibody	KRT8 (Keratin 8) is a Protein Coding gene. 2 alternatively spliced human isoforms have been reported. This gene is a member of the type II keratin family clustered on the long arm of chromosome 12. KRT8 is the major component of the intermediate filament cytoskeleton and is predominantly expressed in simple epithelial tissues. Aberrant expression of KRT8 is associated with multiple tumor progression and metastasis.KRT8 overexpression in renal cancer cell lines promoted cell migration and invasion. In contrast, KRT8 knockdown suppressed ccRCC metastasis both in vitro and in vivo.KRT8 expression may therefore be a biomarker or potential therapeutic target to identify patients with worse survival. Diseases associated with KRT8 include Liver Cirrhosis and Cryptogenic Cirrhosis.
Product Categories/Family for anti-KRT8 antibody	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	372466577
NCBI GeneID	3856
NCBI Accession #	NP_001243222.1
NCBI GenBank Nucleotide #	NM_001256293.1
UniProt Accession #	P05787; Q14099; Q14716; Q14717; Q53GJ0; Q6DHW5; Q6GMY0; Q6P4C7; Q96J60; A8K4H3; B0AZN5; F8VXB4
Molecular Weight	53,704 Da
NCBI Official Full Name	keratin, type II cytoskeletal 8 isoform 2
NCBI Official Synonym Full Names	keratin 8
NCBI Official Symbol	KRT8
NCBI Official Synonym Symbols	K8; KO; CK8; CK-8; CYK8; K2C8; CARD2
NCBI Protein Information	keratin, type II cytoskeletal 8; cytokeratin 8; cytokeratin-8; type-II keratin Kb8
UniProt Protein Name	Keratin, type II cytoskeletal 8
UniProt Gene Name	KRT8
UniProt Synonym Gene Names	CYK8; CK-8; K8
UniProt Entry Name	K2C8_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/cytokeratin-8-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/258599>