

Rabbit Cytokeratin 8 Polyclonal Antibody | anti-KRT8 antibody

Anti-Cytokeratin 8 antibody

CATALOG # AAA44978	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Cytokeratin 8; Polyclonal Antibody; Anti-Cytokeratin 8 antibody; Keratin; type II cytoskeletal 8; keratin 8; card2 antibody; Cardiac autoantigen 2 120kD antibody; CK 8 antibody; CK-8 antibody; ck8 antibody; Cyk 8 antibody; cyk8 antibody; CYKER antibody; Cytokeratin 8 antibody; Cytokeratin endo A antibody; Cytokeratin-8 antibody; Cytokeratin8 antibody; DreK8 antibody; EndoA antibody; k0 antibody; k2c8 antibody; K2C8_HUMAN antibody; k8 antibody; Keratin 8 antibody; Keratin type II cytoskeletal 8 antibody; type II cytoskeletal 8 antibody; Keratin-8 antibody; Keratin8 antibody; KO antibody; Krt 2.8 antibody; Krt 8 antibody; krt8 antibody; MGC118110 antibody; MGC174782 antibody; MGC53564 antibody; MGC85764 antibody; sb:cb186 antibody; Type-II keratin Kb8 antibody; anti-KRT8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	483
Applicable Applications for anti-KRT8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Cytokeratin 8 (127-145aa QQQKTARSNMDNMFESYIN), different from the related rat and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-Cytokeratin 8 antibody, AAA44978, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)

Anti-Cytokeratin 8 antibody, AAA44978, Western blottingLane 1: HELA Cell LysateLane 2: HT1080 Cell LysateLane 3: COLO320 Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-KRT8 antibody	Description: Rabbit IgG polyclonal antibody for Keratin, type II cytoskeletal 8(KRT8) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: Cytokeratin 8(CK8), also known as Keratin 8(K8), is a type II keratin. Among the various intermediate filament(IF) proteins, cytokeratin 8(CK8) is especially remarkable as it is produced early in embryogenesis, is the only type-II CK occurring in many simple epithelial cells, and can also be synthesized in certain non-epithelial cells. Cytokeratin 8 mRNA was abundant in fetal small intestine, placenta, pancreas, lung, liver, and kidney. Levels of cytokeratin 8 mRNA in placenta increased slightly during pregnancy. He et al.(2002) presented evidence that K8 is a new cytoplasmic target for JNK in Fas receptor-mediated signaling. The functional significance of this phosphorylation could relate to regulation of JNK signaling and/or regulation of keratin dynamics.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	90110027
NCBI GeneID	3856
UniProt Accession #	P05787; Q14099; Q14716; Q14717; Q53GJ0; Q6DHW5; Q6GMY0; Q6P4C7; Q96J60; A8K4H3; B0AZN5; F8VXB4
Molecular Weight	56,608 Da
NCBI Official Full Name	Keratin, type II cytoskeletal 8
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.