

Rabbit Keratin 8 Antibody | anti-KRT8 antibody

Cytokeratin 8 (Phospho-Ser431) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111501	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

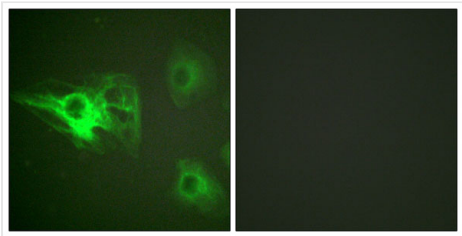
PRODUCT SYNONYMS

Keratin 8; Cytokeratin 8 (Phospho-Ser431) Antibody; CK 8; CK8; CYK8; Cytokeratin endo A; K2C8; K8; KRT2-8; Keratin; type II cytoskeletal 8; cytokeratin 8; anti-KRT8 antibody

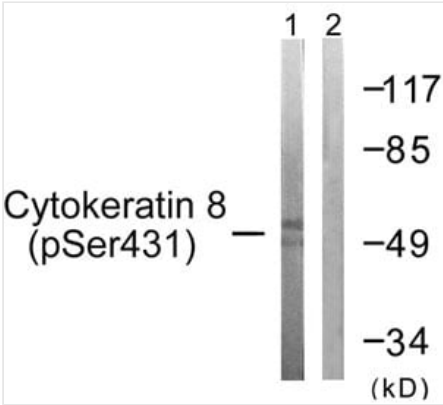
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Specificity	Cytokeratin 8 (Phospho-Ser431) antibody detects endogenous levels of Cytokeratin 8 only when phosphorylated at serine 431.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	483
Applicable Applications for anti-KRT8 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Cytokeratin 8 around the phosphorylation site of serine 431 (L-T-S ^P -P-G).
All Sites	Human: Ser431 Mouse: Ser436 Rat: Ser431
Preparation and Storage	Store at -20 degree C for 1 year.

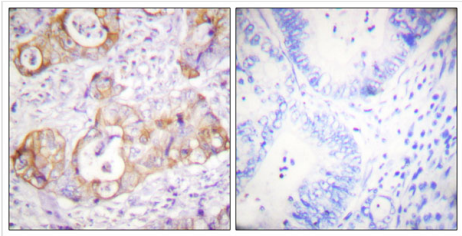
IMAGES



IF (Immunofluorescence)
P-peptide - +Immunofluorescence analysis of HeLa cells, using Cytokeratin 8 (Phospho-Ser431) antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue using Cytokeratin 8 (Phospho-Ser431) antibody. Western blot analysis of extracts from 293 cells, treated with EGF (200ng/ml, 30mins), using Cytokeratin 8 (Phospho-Ser431) antibodyEGF: + +P-peptide: - +.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-KRT8 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	TA Hembrough, J. Cell Sci., Mar 1995; 108: 1071. MB Omary, J. Cell Biol., May 1992; 117: 583. Joachim Seipelt, J. Biol. Chem., Jun 2000; 275: 20084. CF Chou, J. Biol. Chem., Feb 1992; 267: 3901-3906.

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
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
UniProt Protein Name	Keratin, type II cytoskeletal 8
UniProt Gene Name	KRT8

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/rabbit-krt8-human-mouse-rat-antibody/keratin-8/111501>