

Rabbit Keratin 9 Polyclonal Antibody | anti-KRT9 antibody

Keratin 9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327762	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Keratin 9; Polyclonal Antibody; Keratin 9 Antibody; CK 9; CK-9; Cytokeratin 9; Cytokeratin-9; Cytokeratin9; EPPK; K1C9_HUMAN; K9; Keratin; Keratin type I cytoskeletal 9; Keratin-9; Keratin9; KRT 9; Krt9; Spermatid Perinuclear Ring Manchette Protein K9; type I cytoskeletal 9; anti-KRT9 antibody

PRODUCT SPECIFICATIONS

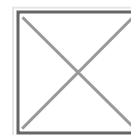
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Cytokeratin 9 antibody detects endogenous levels of total Cytokeratin 9.
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	623
Applicable Applications for anti-KRT9 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Cytokeratin 9, corresponding to a region within the internal amino acids.
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

DF9001 at 1/100 staining Rat stomach tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IF (Immunofluorescence)

DF9001 staining A549 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(DF9001) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-KRT9 antibody	Function: May serve an important special function either in the mature palmar and plantar skin tissue or in the morphogenetic program of the formation of these tissues. Plays a role in keratin filament assembly. Subunit Structure: Heterotetramer of two type I and two type II keratins. Similarity: Belongs to the intermediate filament family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55956899
NCBI GeneID	3857
NCBI Accession #	NP_000217.2
NCBI GenBank Nucleotide #	NM_000226.3
UniProt Accession #	P35527; O00109; Q0IJ47; Q14665
Molecular Weight	62 kDa
NCBI Official Full Name	keratin, type I cytoskeletal 9
NCBI Official Synonym Full Names	keratin 9
NCBI Official Symbol	KRT9
NCBI Official Synonym Symbols	K9; CK-9; EPPK
NCBI Protein Information	keratin, type I cytoskeletal 9
UniProt Protein Name	Keratin, type I cytoskeletal 9
UniProt Gene Name	KRT9
UniProt Synonym Gene Names	CK-9; K9

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/keratin-9-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/327762>