

Rabbit Cytokeratin 10 Polyclonal Antibody | anti-KRT10 antibody

Anti-Cytokeratin 10 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA105085	Rabbit	Human, Mouse, Rat, Dog, Rabbit	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

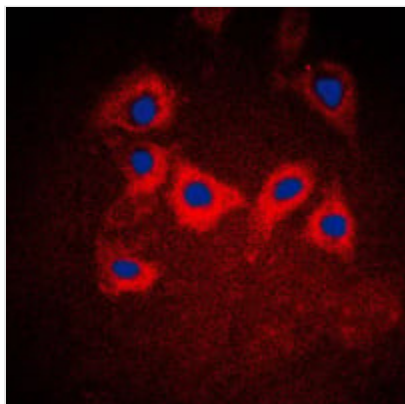
PRODUCT SYNONYMS

Cytokeratin 10; Polyclonal Antibody; Anti-Cytokeratin 10 Antibody; KPP; Keratin; type I cytoskeletal 10; Cytokeratin-10; CK-10; Keratin-10; K10; anti-KRT10 antibody

PRODUCT SPECIFICATIONS

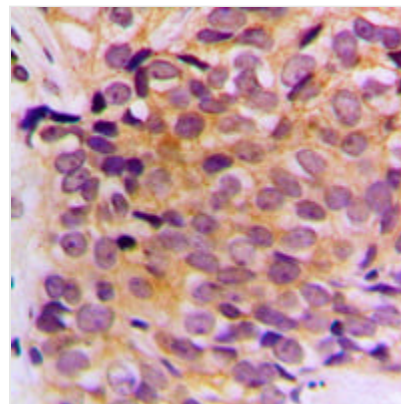
Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Cytokeratin 10 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	584
Applicable Applications for anti-KRT10 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Cytokeratin 10. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



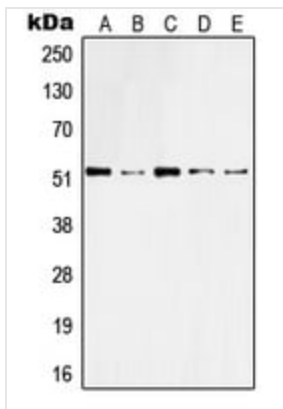
IF (Immunofluorescence)

Immunofluorescent analysis of Cytokeratin 10 staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Cytokeratin 10 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)
 Western blot analysis of Cytokeratin 10 expression in HeLa (A), A431 (B), Raw264.7 (C), NIH3T3 (D), rat brain (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT10 antibody	Rabbit polyclonal antibody to Cytokeratin 10
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NCBI AND UNIPROT INFORMATION

NCBI GI #	195972866
NCBI GeneID	3858
NCBI Accession #	NP_000412.3
NCBI GenBank Nucleotide #	NM_000421.3
UniProt Accession #	P13645; Q14664; Q8N175
Molecular Weight	58,827 Da
NCBI Official Full Name	keratin, type I cytoskeletal 10
NCBI Official Synonym Full Names	keratin 10
NCBI Official Symbol	KRT10
NCBI Official Synonym Symbols	BIE; EHK; K10; KPP; BCIE; CK10
NCBI Protein Information	keratin, type I cytoskeletal 10; CK-10; keratin-10; cytokeratin 10
UniProt Protein Name	Keratin, type I cytoskeletal 10
UniProt Gene Name	KRT10
UniProt Synonym Gene Names	KPP; CK-10; K10
UniProt Entry Name	K1C10_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.