

Rabbit anti-Human Cytokeratin 7/KRT7 Polyclonal Antibody | anti-KRT7 antibody

Anti-Cytokeratin 7/KRT7 Antibody, Rabbit Polyclonal

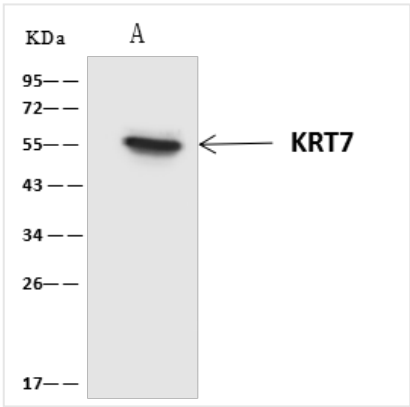
CATALOG # AAA256751	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

Cytokeratin 7/KRT7; Polyclonal Antibody; Anti-Cytokeratin 7/KRT7 Antibody; Rabbit Polyclonal; Cytokeratin 7/KRT7 Antibody; Rabbit PAb; Antigen Affinity Purified; keratin 7; type II; Anti-CK7 Antibody; Anti-K2C7 Antibody; Anti-K7 Antibody; Anti-SCL Antibody; anti-KRT7 antibody

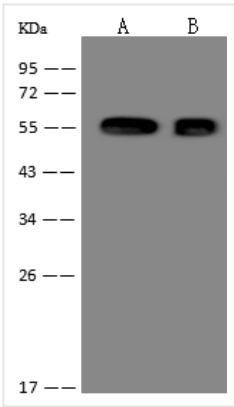
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Cytokeratin 7/KRT7
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-KRT7 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	E Coli-derived Human Cytokeratin 7/KRT7 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Cytokeratin 7/KRT7 fragment, 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 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.



IP (Immunoprecipitation)

KRT7 was immunoprecipitated using: Lane A: 0.5 mg A431 Whole Cell Lysate 4 uL anti-KRT7 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-KRT7 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: 51 kDa. Observed band size: 55 kDa.



WB (Western Blot)

Anti-Cytokeratin 7 / KRT7 rabbit polyclonal antibody at 1:500 dilution. Lane A: HeLa Whole Cell Lysate. Lane B: Whole Cell Lysate. Lane C: A431 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: 51 kDa. Observed band size: 55 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody

KRT7 (Keratin 7) is a Protein Coding gene. The protein encoded by this gene is a member of the keratin gene family. One AS, designated Homo sapiens keratin 7 (KRT7-AS), was selected due to its marked upregulation and concordant expression with its cognate sense counterpart, KRT7, in GC tissues and cell lines. KRT7-AS formed an RNA-RNA hybrid with KRT7 and controlled KRT7 expression at both the mRNA and the post-transcriptional levels. Moreover, forced overexpression of the KRT7-overlapping region (OL) of KRT7-AS (but not its non-KRT7-OL portions) increased keratin 7 protein levels in cells. Finally, forced overexpression of full-length KRT7-AS or OL KRT7-AS (but not its non-KRT7-OL regions) promoted GC cell proliferation and migration.

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.