

Rabbit Cytokeratin 7 (KRT7) Polyclonal Antibody | anti-KRT7 antibody

Cytokeratin 7 (KRT7) Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28419	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

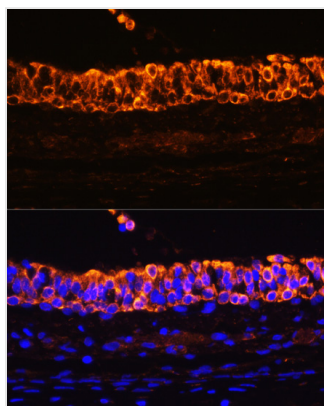
PRODUCT SYNONYMS

Cytokeratin 7 (KRT7); Polyclonal Antibody; Cytokeratin 7 (KRT7) Rabbit pAb; KRT7; CK7; K2C7; K7; SCL; keratin 7; Keratin; anti-KRT7 antibody

PRODUCT SPECIFICATIONS

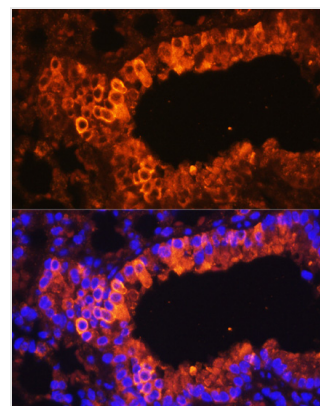
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Applicable Applications for anti-KRT7 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF/ICC: 1:50-1:200 Customer Validation: WB (Homo sapiens)
Positive Samples	HepG2, Rat lung
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 240-355 of human Cytokeratin 7 (KRT7) (NP_005547.3).
Cellular Location	Cytoplasm
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



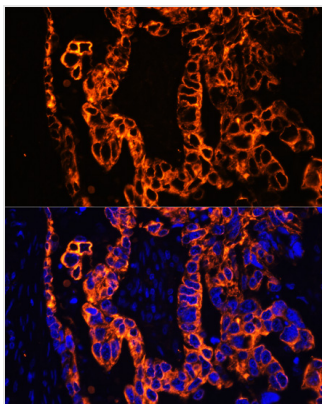
IF (Immunofluorescence)

Immunofluorescence analysis of rat bronchus using Cytokeratin 7 (Cytokeratin 7 (KRT7)) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



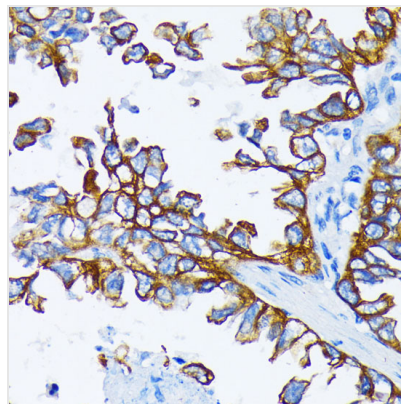
IF (Immunofluorescence)

Immunofluorescence analysis of mouse bronchus using Cytokeratin 7 (Cytokeratin 7 (KRT7)) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



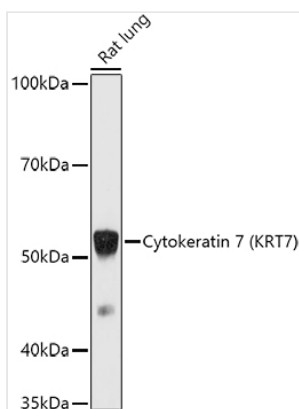
IF (Immunofluorescence)

Immunofluorescence analysis of human lung cancer using Cytokeratin 7 (Cytokeratin 7 (KRT7)) antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



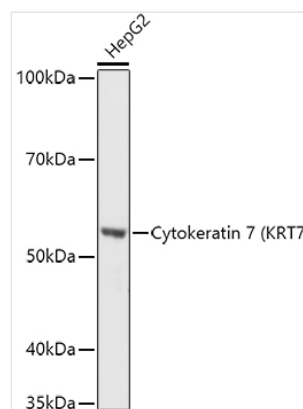
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using Cytokeratin 7 (Cytokeratin 7 (KRT7)) antibody at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of Rat lung, using Cytokeratin 7 (KRT7) antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.



WB (Western Blot)

Western blot analysis of extracts of HepG2 cells, using Cytokeratin 7 (KRT7) antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody

The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels. The genes encoding the type II cytokeratins are clustered in a region of chromosome 12q12-q13. Alternative splicing may result in several transcript variants; however, not all variants have been fully described.

Product Categories/Family for anti-KRT7 antibody

Signal Transduction; Cell Biology & Developmental Biology; Cytoskeleton; Intermediate Filaments; Extracellular Matrix; Cytokeratin; Keratin; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	3855
UniProt Accession #	Q5N9H2
Molecular Weight	Observed MW: 51kDa Calculated MW: 51kDa

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.