

Rabbit KRT7 Polyclonal Antibody | anti-KRT7 antibody

KRT7 antibody - N-terminal region

CATALOG # AAA200791	HOST Rabbit	REACTIVITY Cow, Dog, Horse, Human	APPLICATIONS Immunohistochemistry, Western Blot
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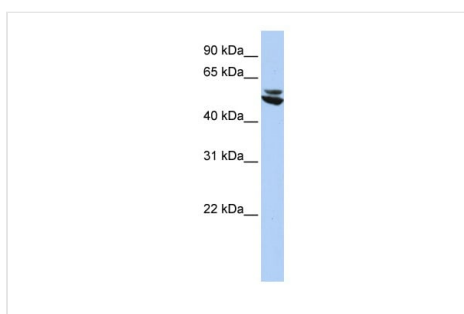
PRODUCT SYNONYMS

KRT7; Polyclonal Antibody; KRT7 antibody - N-terminal region; anti-KRT7 antibody

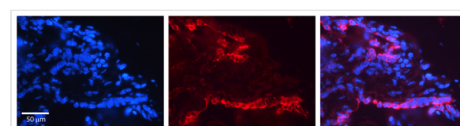
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Horse, Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SI HFSSPVFTSR SAAFSGRGAQ VRLSSARPGG LGSSSLYGLG ASRPRVAV
Sequence Length	469
Applicable Applications for anti-KRT7 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 79%; Dog: 79%; Horse: 86%; Human: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human KRT7
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

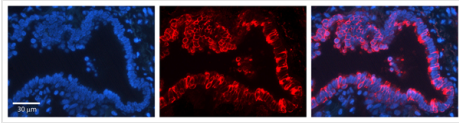


WB (Western Blot)

WB Suggested Anti-KRT7 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:1562500
Positive Control: HepG2 cell lysate


IHC (Immunohistochemistry)

KRT7 antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Lung
Tissue
Observed Staining: Membrane of Pneumocytes
Primary Antibody Concentration: 1:100
Other Working Concentrations: 1/600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec



IHC (Immunohistochemistry)
 KRT7 antibody - N-terminal region
 Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
 Observed Staining: Cytoplasm and membrane of bronchial epithelial tissue
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1/600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-KRT7 antibody	This is a rabbit polyclonal antibody against KRT7. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KRT7 is a member of the keratin protein 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-KRT7 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	67782365
NCBI GeneID	3855
NCBI Accession #	NP_005547
NCBI GenBank Nucleotide #	NM_005556
UniProt Accession #	A5A6N0; P08729
Molecular Weight	52kDa
NCBI Official Full Name	keratin, type II cytoskeletal 7
NCBI Official Synonym Full Names	keratin 7
NCBI Official Symbol	KRT7
NCBI Official Synonym Symbols	K7; CK7; SCL; K2C7
NCBI Protein Information	keratin, type II cytoskeletal 7
UniProt Protein Name	Keratin, type II cytoskeletal 7
UniProt Gene Name	KRT7
UniProt Synonym Gene Names	CK-7; K7

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.

