

Rabbit anti-Human KRT5/CK5/Cytokeratin 5 Polyclonal Antibody | anti-KRT5 antibody

KRT5/CK5/Cytokeratin 5 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163127	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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PRODUCT SYNONYMS

KRT5/CK5/Cytokeratin 5; Polyclonal Antibody; KRT5/CK5/Cytokeratin 5 Rabbit anti-Human Polyclonal Antibody; PathPlus KRT5/CK5/Cytokeratin 5 Antibody; KRT5; 58 kd cytokeratin; 58 kDa cytokeratin; CK5; CK-5; Cytokeratin-5; DDD; EBS2; Keratin 5; KRT5A; Type-II keratin Kb5; Cytokeratin 5; K5; Keratin-5; anti-KRT5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-KRT5 antibody	IHC (Immunohistochemistry)
Target	Human KRT5/CK5/Cytokeratin 5
Immunogen	LP-11431, synthetic peptide
Conjugation	Unconjugated
Family	Keratin
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



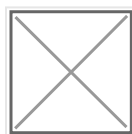
IHC (Immunohistochemistry)

KRT5/CK5/Cytokeratin 5 Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



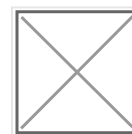
IHC (Immunohistochemistry)

KRT5/CK5/Cytokeratin 5 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

KRT5/CK5/Cytokeratin 5 Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

KRT5/CK5/Cytokeratin 5 Antibody-Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-KRT5 antibody	Cytokeratin 5 antibody is an unconjugated rabbit polyclonal antibody to Cytokeratin 5 (KRT5/CK5) from human. Validated for IHC. KRT5 (Cytokeratin 5, CK5) is a protein that dimerizes with keratin 14 to form the intermediate filament that form the cytoskeleton of basal epithelial cells. It is useful for identifying myoepithelial cells and basal cells in the breast, skin, salivary glands, and prostate. It is present in the skin, the mucosa of the oral cavity, oropharynx, hypopharynx, and larynx, and in mitotically active basal cells of the skin. It is commonly positive in squamous carcinomas of the head and neck, as well as in mesotheliomas. Mutations in KRT5 cause epidermolysis bullosa simplex. Commonly used with Cytokeratin 6, the CK5/6 marker is useful for the identification of mesotheliomas as well as identifying the presence of basal epithelium in benign glands versus malignant prostate and breast carcinomas, where the basal layer is lost.
References	Int J Clin Exp pathol 2008 1(1):19; Histopathology 1997 31:140; J Cell Sci 1994 107(4):765

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395754
NCBI GeneID	3852
NCBI Accession #	NP_000415.2
NCBI GenBank Nucleotide #	NM_000424
UniProt Accession #	P13647; Q6PI71; Q6UBJ0; Q8TA91
Molecular Weight	62,378 Da
NCBI Official Full Name	keratin, type II cytoskeletal 5
NCBI Official Synonym Full Names	keratin 5
NCBI Official Symbol	KRT5
NCBI Official Synonym Symbols	K5; CK5; DDD; EBS2; KRT5A
NCBI Protein Information	keratin, type II cytoskeletal 5; CK-5; cytokeratin-5; 58 kda cytokeratin; type-II keratin Kb5; epidermolysis bullosa simplex 2 Dowling-Meara/Kobner/Weber-Cockayne types; keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner/Weber-Cockayne types)
UniProt Protein Name	Keratin, type II cytoskeletal 5
UniProt Gene Name	KRT5
UniProt Synonym Gene Names	CK-5; K5
UniProt Entry Name	K2C5_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.