

Rabbit anti-Human DEK Polyclonal Antibody | anti-DEK antibody

DEK Antibody (C-term)

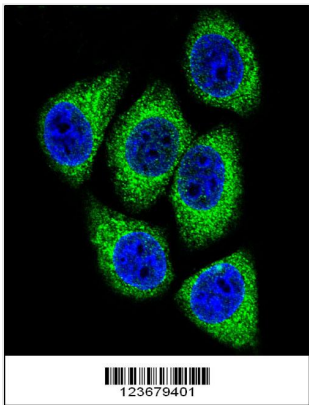
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285183	Rabbit	Human	Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DEK; Polyclonal Antibody; DEK Antibody (C-term); Protein DEK; anti-DEK antibody

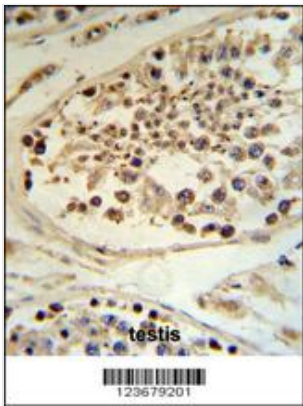
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DEK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 336-364 amino acids from the C-terminal region of human DEK.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	336-364
Sequence Length	341
Applicable Applications for anti-DEK antibody	FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



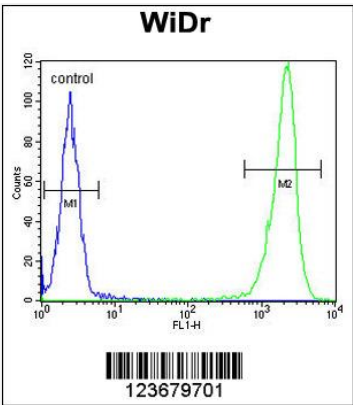
IF (Immunofluorescence)

Confocal immunofluorescent analysis of DEK Antibody (C-term) with Hela cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



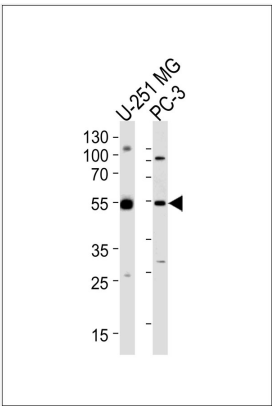
IHC (Immunohistochemistry)

DEK Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded human testis tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the DEK Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



FCM/FACS (Flow Cytometry)

DEK Antibody (C-term) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of lysates from U-251 MG, PC-3 cell line (from left to right), using DEK Antibody (C-term). AAA285183 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

ADDITIONAL INFORMATION

Related Product Information for anti-DEK antibody	DEK is a protein with one SAP domain. This protein binds to cruciform and superhelical DNA and induces positive supercoils into closed circular DNA, and is also involved in splice site selection during mRNA processing. Chromosomal aberrations involving this region, increased expression of this gene, and the presence of antibodies against this protein are all associated with various diseases.
References	Sawatsubashi,S., et.al., Genes Dev. 24 (2), 159-170 (2010) Khodadoust,M.S., et.al., Cancer Res. 69 (16), 6405-6413 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	197927454
NCBI GeneID	7913
NCBI Accession #	NP_001128181.1; NP_003463.1
NCBI GenBank Nucleotide #	NM_001134709.1
UniProt Accession #	P35659; Q5TGV4; Q5TGV5; B2R6K6; B4DN37
Molecular Weight	42674

NCBI Official Full Name	protein DEK isoform 2
NCBI Official Synonym Full Names	DEK proto-oncogene
NCBI Official Symbol	DEK
NCBI Official Synonym Symbols	D6S231E
NCBI Protein Information	protein DEK
UniProt Protein Name	Protein DEK
UniProt Gene Name	DEK
UniProt Entry Name	DEK_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/dek-antibody-flow-cytometry-immunofluorescence-immunohistochemistry-western-blot-elisa/285183>