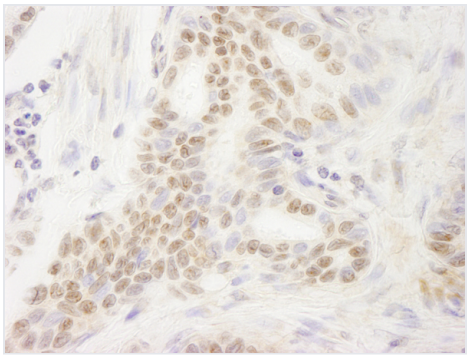
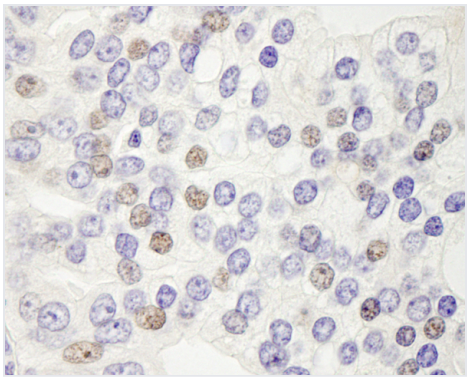
DEK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DEK, Polyclonal Antibody
Full Product Name	Rabbit anti-DEK IHC Antibody, Affinity Purified
Product Gene Name	anti-DEK antibody
Product Synonym Names	DEK oncogene (DNA binding); protein DEK; D6S231E; Protein DEK; DEK proto-oncogene
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Purity/Purification	Antigen Affinity Purified
Concentration	250ug/ml (lot specific)
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt
Molecular Weight	38,705 Da
OMIM	125264
3D Structure	ModBase 3D Structure for P35659
Predicted Reactivity	Monkey, Gorilla, Chimpanzee, Crab-eating macaque
Immunogen	Between 250 and 300
Conjugation	Unconjugated
Product Categories/Family for anti-DEK antibody	Primary Antibodies
Applications Tested/Suitable for anti-DEK antibody	Immunohistochemistry (IHC)
Application Notes for anti-DEK antibody	IHC: 1:100-1:500
Related Product Information for anti-DEK antibody	DEK is a chromatin-binding protein that may serve as an architectural protein at promoter or enhancer sites of particular genes and may be involved in the regulation of transcription and mRNA processing. DEK has been identified as an oncoprotein and an autoantigen.
Other Notes	Small volumes of anti-DEK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DEK purchase	MBS3907609 is an antibody targeting DEK. Also known as Rabbit anti-DEK IHC Antibody, Affinity Purified. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-DEK antibody
Detection of human DEK by immunohistochemistry. Sample: FFPE section of human stomach carcinoma. Antibody: Affinity purified rabbit anti-DEK (Cat. No. MBS3907609) used at a dilution of 1:250. Detection: DAB



Immunohistochemistry (IHC) of anti-DEK antibody
Detection of human DEK by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-DEK (Cat. No. MBS3907609) used at a dilution of 1:250. Detection: DAB

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DEK. It may not necessarily be applicable to this product.

NCBI GI #	4503249
NCBI GeneID	7913
NCBI Accession #	NP_003463.1
UniProt Primary Accession #	P35659
UniProt Secondary Accession #	Q5TGV4; Q5TGV5; B2R6K6; B4DN37
UniProt Related Accession #	P35659
GenBank Nucleotide #	NM_003472.4
NCBI Official Full Name	protein DEK isoform 1
NCBI Official Synonym Full Names	DEK proto-oncogene
NCBI Official Symbol	DEK
NCBI Official Synonym Symbols	D6S231E
UniProt Protein Name	Protein DEK
Protein Family	Protein
UniProt Gene Name	DEK
UniProt Entry Name	DEK_HUMAN
NCBI Protein Information	protein DEK
NCBI Summary for DEK	This gene encodes 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

UniProt Comments for DEK	DEK: a ubiquitous protein with a SAP domain, which is found in a variety of nuclear proteins involved in transcription, DNA repair, RNA processing or apoptotic chromatin degradation. 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. A chromosomal aberration involving DEK is found in a subset of acute myeloid leukemias (AML). Protein type: Histone-binding; Oncoprotein; DNA-binding; DNA replication; RNA splicing Chromosomal Location of Human Ortholog: 6p22.3 Cellular Component: contractile fiber; nucleoplasm; nucleus Molecular Function: DNA binding; histone binding Biological Process: chromatin modification; positive regulation of gene expression, epigenetic; regulation of transcription from RNA polymerase II promoter; signal transduction; transcription from RNA polymerase II promoter; viral genome replication
Research Articles on DEK	**1.** These findings define DEK as an important and multifunctional mediator of homologous recombination.
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