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DEK Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP9186b

Specification

DEK Antibody (C-term) Blocking Peptide - Product Information

Primary Accession P35659

DEK Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 7913

Other Names
Protein DEK, DEK

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9186b was selected from the C-term region of human DEK. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DEK Antibody (C-term) Blocking Peptide - Protein Information

Name DEK

Function
Involved in chromatin organization.

DEK Antibody (C-term) Blocking Peptide - Background

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.

DEK Antibody (C-term) Blocking Peptide - References

Sawatsubashi,S., et.al., Genes Dev. 24 (2), 159-170 (2010)Khodadoust,M.S., et.al., Cancer Res. 69 (16), 6405-6413 (2009)

Cellular Location
Nucleus. Note=Enriched in regions where chromatin is decondensed or sparse in the interphase nuclei

Tissue Location
Ubiquitous. Expressed at relatively high levels.

DEK Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides