DEK Polyclonal ANTIBODY
Catalog Number: 16448-1-AP

Basic Information
Catalog Number: 16448-1-AP
Size: 43 μg/150 μl
Source: Rabbit
Isotype: IgG
Purification Method: Antigen affinity purification
Immunogen Catalog Number: AG8225
GenBank Accession Number: BC035259
GeneID (NCBI): 7913
Full Name: DEK oncogene
Calculated MW: 43 kDa
Observed MW: 43-50 kDa

Recommended Dilutions:
WB: 1:1000-1:4000
IP: 0.5-4.0 μg for IP and 1:1000-1:1000 for WB
IHC 1:200-1:200
IF: 1:10-1:100

Tested Applications:
IF, IHC, IP, WB, ELISA
Cited Applications:
IF, IHC, WB
Species Specificity:
human, mouse, rat
Cited Species:
human, mouse

Recommended Controls:
WB: HeLa cells; A275 cells, A431 cells, K-562 cells, mouse brain tissue, rat brain tissue
IP: HeLa cells;
IHC: human brain tissue;
IF: HeLa cells;

Positive Controls:
WB: HeLa cells; A275 cells, A431 cells, K-562 cells, mouse brain tissue, rat brain tissue
IP: HeLa cells;
IHC: human brain tissue;
IF: HeLa cells;

Applications

Background Information
Dek oncogene (DEK) is first recognized in a fusion with CAN nucleoprotein protein, and it’s also autantigen in patients with pauciarticular onset juvenile rheumatoid arthritis. As a site-specific binding protein, DEK may involve in transcriptional regulation and signal transduction. Analysis by agarose gel electrophoresis, DEK showed to enhance the efficiency with which chromosome is replicated. It’s one of the first components of the splicing complex, which remains associated with spliced exons dependent on prior splicing of pre-mRNA.

Notable Publications

Author | Pubmed ID | Journal | Application
Nasim A Begum | 22943697 | J Biol Chem | WB
Ming-Xu Qiao | 27499261 | Oncol Rep | WB
Valentina Ghisays | 29175195 | Neuroscience | IHC, IF

Storage
Storage: Store at -20°C. Stable for one year after shipment.
Storage Buffer: PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product, please contact:
E: proteintech@ptglab.com
W: ptglab.com

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HeLa cells were subjected to SDS PAGE followed by western blot with 16448-1-AP (DEK antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.

Immunohistochemical of paraffin-embedded human brain using 16448-1-AP (DEK antibody) at dilution of 1:100 (under 10x lens).

Immunohistochemical of paraffin-embedded human brain using 16448-1-AP (DEK antibody) at dilution of 1:100 (under 40x lens).

Immunofluorescent analysis of HeLa cells, using DEK antibody 16448-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).

IP Result of anti-DEK (IP: 16448-1-AP, 4ug; Detection: 16448-1-AP 1:500) with HeLa cells lysate 1200ug.