

For Research Use Only

DEK Polyclonal antibody

Catalog Number: 16448-1-AP

Featured Product

26 Publications



Basic Information

Catalog Number:

16448-1-AP

Size:

150ul , Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8225

GenBank Accession Number:

BC035259

GeneID (NCBI):

7913

UNIPROT ID:

P35659

Full Name:

DEK oncogene

Calculated MW:

43 kDa

Observed MW:

43-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IP: 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, ChIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, HEK-293 cells, K-562 cells, T-47D cells, C6 cells, mouse brain tissue, rat brain tissue

IP : HeLa cells,

IF/ICC : HeLa cells,

Background Information

Dek oncogene(DEK) is first recognized in a fusion with CAN nucleoporin protein, and it's a also autoantigen in patients with pquciarticular onset juvenile rheumatoid arthritis. As a site-specific binding protein, DEK may involve in transcriptional regulation and signal transduction. Analysis by agarose gel celctrophoresis, DEK showed to reduce the efficiency with which chromation is replicated. It's one of the first components of the splicing complex, which remains associate with spliced exons dependent on prior splicing of pre-mRNA.

Notable Publications

Author	Pubmed ID	Journal	Application
Nasim A Begum	22843687	J Biol Chem	WB
Lu Yue	33377022	STAR Protoc	IF
Ming-Xu Qiao	27499261	Oncol Rep	

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

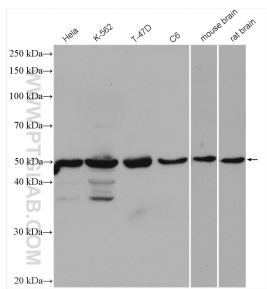
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

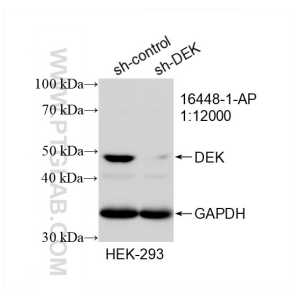
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

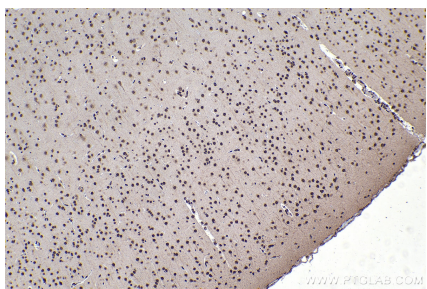
Selected Validation Data



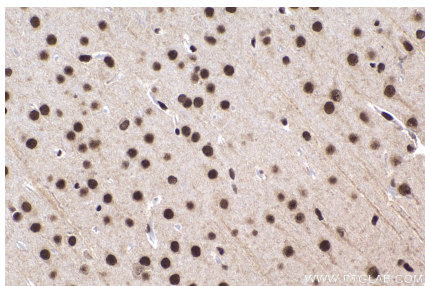
Various lysates were subjected to SDS PAGE followed by western blot with 16448-1-AP (DEK antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



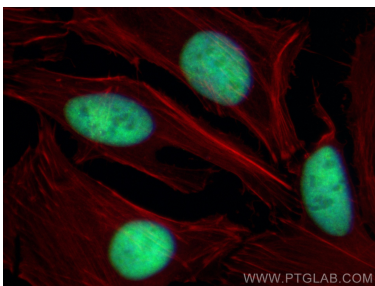
WB result of DEK antibody (16448-1-AP; 1:12000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DEK transfected HEK-293 cells.



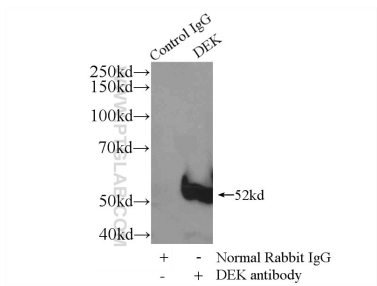
Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 16448-1-AP (DEK antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat brain tissue slide using 16448-1-AP (DEK antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DEK antibody (16448-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



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