

For Research Use Only

NF45 Polyclonal antibody

Catalog Number:14714-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

14714-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6436

GenBank Accession Number:

BC000382

GeneID (NCBI):

3608

UNIPROT ID:

Q12905

Full Name:

interleukin enhancer binding factor 2,

45kDa

Calculated MW:

43 kDa

Observed MW:

43-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : K-562 cells, mouse brain tissue, NIH/3T3 cells, Jurkat cells, rat brain tissue

IHC : human cervical cancer tissue,

Background Information

Interleukin-2 enhancer binding factor 2 (ILF2), also named as nuclear factor 45 (NF45), plays important roles in regulating interleukin-2 expression in mammals. It forms a heterodimeric complex with ILF3, which may regulate transcription of the IL2 gene during T-cell activation. It can also promote the formation of stable DNA-dependent protein kinase holoenzyme complexes on DNA [PMID:11739746,17129403].

Notable Publications

Author	Pubmed ID	Journal	Application
Shang Zhi	35637971	Int J Biol Sci	WB
Yu Yanyan Y	23752568	Analyst	
Xuexia Wen	28693575	Viol J	WB,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:

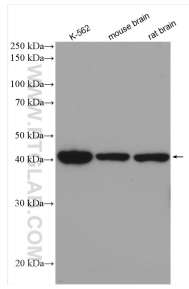
T: 4006900926

E: Proteintech-CN@ptglab.com

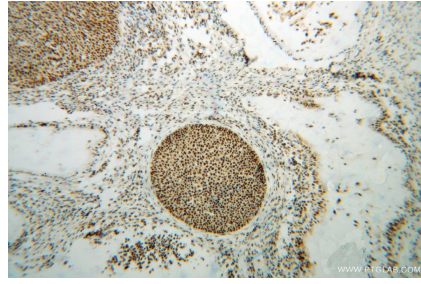
W: ptgcn.com

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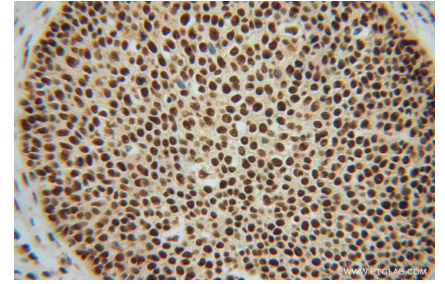
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 14714-1-AP (NF45 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 14714-1-AP (NF45 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervical cancer using 14714-1-AP (NF45 antibody) at dilution of 1:100 (under 40x lens).