

For Research Use Only

NF45 Polyclonal antibody

Catalog Number: 14714-1-AP

Featured Product

7 Publications



Basic Information

| | | |
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| Catalog Number: 14714-1-AP | GenBank Accession Number: BC000382 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 240 µg/ml by Nanodrop and 200 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 3608 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 |
| Source: Rabbit | Full Name: interleukin enhancer binding factor 2, 45kDa | |
| Isotype: IgG | Calculated MW: 43 kDa | |
| Immunogen Catalog Number: AG6436 | Observed MW: 43-45 kDa | |

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

IF, IP, WB

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 | Virology | 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

*** 20ul sizes contain 0.1% BSA

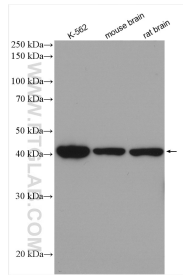
For technical support and original validation data for this product please contact:

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

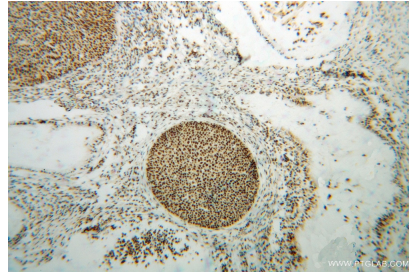
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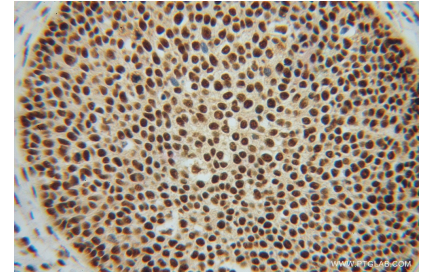
Selected Validation Data



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).