

AP-1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00485
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human c-Jun. AA range:58-107
Mol wt	35676
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IF, WB, IHC-p, IP, ELISA
Concentration	1 mg/ml
Full name	AP-1 Antibody
Synonyms	JUN; Transcription factor AP-1; Activator protein 1; API; Proto-oncogene c-Jun; V-jun avian sarcoma virus 17 oncogene homolog; p39

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

JUN is the putative transforming gene of avian sarcoma virus 17. It encodes a protein (Jun proto-oncogene, AP-1 transcription factor subunit) which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. JUN is intronless and is mapped to 1p32-p31, a chromosomal region involved in both translocations and deletions in human malignancies.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

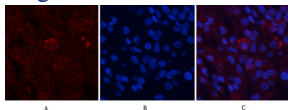
IP: 2 - 5 ug: mg lysate

ELISA: 1: 20000

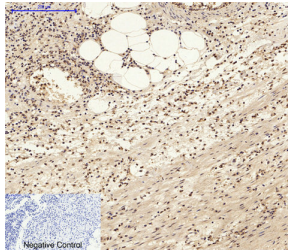
IF: 1: 50 - 200

Not yet tested in other applications.

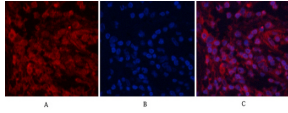
Images



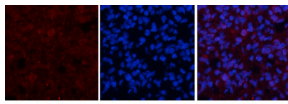
Immunofluorescence analysis of human-stomach tissue. 1, AP-1 Polyclonal Antibody (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300 (room temperature, 50 min). 3, Picture B: DAPI (blue) 10 min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



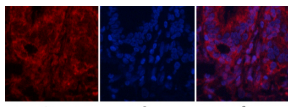
Immunohistochemical analysis of paraffin-embedded Human-Appendix tissue. 1,AP-1 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room teperature, 30min). Negative control was used by secondary antibody only.



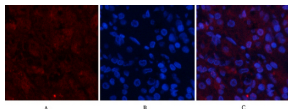
Immunofluorescence analysis of human-lung tissue. 1,AP-1 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min),3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



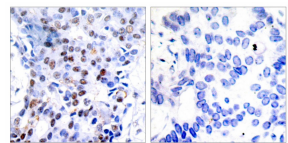
Immunofluorescence analysis of rat-lung tissue. 1,AP-1 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min),3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



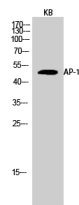
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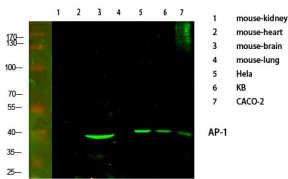
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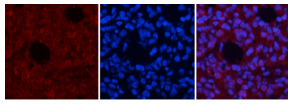
Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using c-Jun Antibody. The picture on the right is blocked with the synthesized peptide.



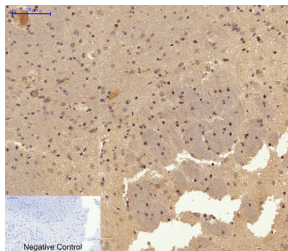
Western Blot analysis of KB cells using AP-1 Polyclonal Antibody diluted at 1:2000



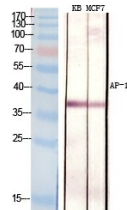
Western Blot analysis of various cells using primary antibody diluted at 1:1000(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour).



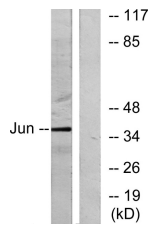
Immunofluorescence analysis of rat-lung tissue. 1,AP-1 Polyclonal Antibody(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min),3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Immunohistochemical analysis of paraffin-embedded Rat-brain tissue. 1,AP-1 Polyclonal Antibody was diluted at 1:200(4°C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room teperature, 30min). Negative control was used by secondary antibody only.



Western Blot analysis of various cells using AP-1 Polyclonal Antibody diluted at 1:2000



Western blot analysis of lysates from HeLa cells, using c-Jun Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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