

# AP-1 Polyclonal Antibody

### Description

Product type Primary Antibody

Code BT-AP06313

**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, ICC, WB, IHC-p, IP, ELISA

Concentration 1 mg/ml

Full name Transcription factor AP-1

Synonyms Transcription factor AP-1; JUN; Transcription factor AP-1; Activator protein 1; AP1; 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

This gene is the putative transforming gene of avian sarcoma virus 17. It encodes a protein which is highly similar to the viral protein, and which interacts directly with specific target DNA sequences to regulate gene expression. This gene 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

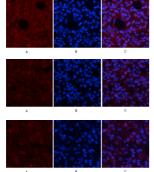
IP: 2 - 5 ug: mg

IHC-p: 1: 100 - 1: 300 IF: 1: 50 - 1: 200

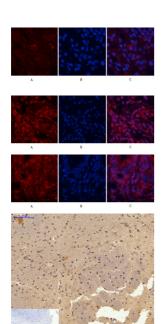
ELISA: 1: 20000

Not yet tested in other applications.

## **Images**

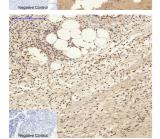


Immunofluorescence analysis of human-lung tissue. 1,AP-1 Polyclonal Antibody(Red) was diluted at 1:200(4°C overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B Immunofluorescence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

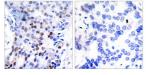


 $Immun of luorescence analysis of human-stomach tissue. \ 1, AP-1 \ Polyclonal \ Antibody (Red) \ was diluted at 1:200(4°C overnight). \ 2, Cy3 \ labled \ Secondary antibody was diluted at 1:300(room temperature, 50min). \ 3, \ Picture \ B: DAPI(blue) \ 10min. \ Picture \ A: Target. \ Picture \ B: DAPI.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

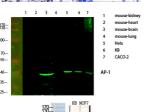
Immunofluorescence analysis of rat-lung tissue. 1,AP-1 Polyclonal Antibody(Red) was diluted at 1:200(4°C overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B Immunofluorescence 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 Human uterus. 1, Antibody was diluted at 1:100(4°C overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



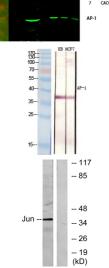
Immunohistochemical analysis of paraffin-embedded Rat-brain tissue. 1,AP-1 Polyclonal Antibody was diluted at 1:200(4°C overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary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



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

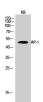


Western Blot analysis of various cells using primary antibody diluted at  $1:1000(4^{\circ}\text{C} \text{ overnight})$ . Secondary antibody:Goat Anti-rabbit IgG IRDye 800( diluted at  $1:5000, 25^{\circ}\text{C}, 1 \text{ hour}$ ).



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

Western Blot analysis of KB 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.

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