

# Jun B Polyclonal Antibody

#### Description

Product type Primary Antibody

Code BT-AP04716

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human JunB. AA range:226-275

Mol wt 35879

Species reactivity Human, Mouse

Clonality Polyclonal

Recommended application WB, IHC-p, IP, ELISA

Concentration 1 mg/ml

Full name Jun B Antibody

Synonyms JUNB; Transcription factor jun-B

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

#### Background

JunB is a basic region, leucine zipper (bZIP) transcription factor belonging to the Jun family that includes c-Jun and JunD. Jun family members homodimerize or heterodimerize with Fos and ATF proteins to form a functional transcription factor AP-1 (activator protein 1), whose activity is regulated by a variety of physiological and pathological stimuli such as growth factors, infections, and stress signals. While JunB sometimes antagonizes c-Jun transcriptional activity, it may functionally substitute for c-Jun during development in mice. JunB regulates hematopoietic stem cell number and plays an important role in the pathogenesis of chronic myelogenous leukemia (CML) and acute myeloid leukemia (AML).

#### Recommended Dilution

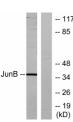
WB: 1: 500 - 1: 2000 IHC: 1: 100 - 1: 300 ELISA: 1: 20000 IP: 2 - 5 ug: mg lysate

Not yet tested in other applications.

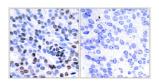
### Images



Western Blot analysis of HeLa RAW264.7 cells using Jun B Polyclonal Antibody cells nucleus.



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



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

## Storage

-20°C for one year

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