



Rabbit anti JunB (pS79) Polyclonal Antibody

Alternative Name(s): Jun B proto-oncogene; AP-1

Order Information

- **Description:** JunB (pS79)
- **Catalogue:** 500-11774
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB, IP
- **Reactivity:** Hu, Ms

ANTIGEN PREPARATION

A synthetic peptide of human JunB with a phosphorylation site Serine 79

BACKGROUND

Jun-B is a member of the activator protein-1 (AP-1) transcription factor family that has been implicated in a multitude of physiologic processes and tumorigenesis. Jun-B is a transcription factor involved in regulating gene activity following the primary growth factor response. It not only inhibits but also enhances the transcription of c-Jun targets in combination with c-Jun. For example, JunB can enhance the transcription of IL-8 in oral squamous cell carcinoma. JunB is also essential for multiple myeloma cell proliferation and drug resistance in the bone marrow microenvironment

PURIFICATION

The Rabbit IgG is purified by site-modified Epitope Affinity Purification.

FORMULATION

This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes JunB with the phosphorylation site Serine 79. It does not cross-react with non-phosphospecific peptide.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C . The antibodies can be stored at 2°C - 8°C for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 $\mu\text{g/ml}$
- ELISA: 0.01-0.1 $\mu\text{g/ml}$
- Immunoprecipitation: 2-5 $\mu\text{g/ml}$
- IHC: 2-10 $\mu\text{g/ml}$
- Flow cytometry: Not tested
- Molecular Weight: 36.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

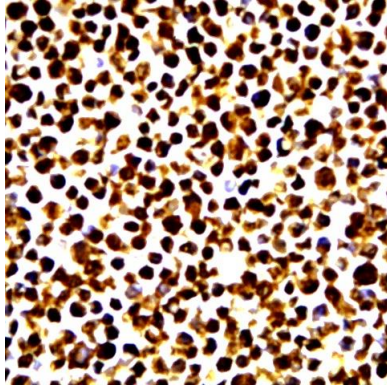
*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com



DATA ATTACHMENTS



Immunohistochemistry: The whole cell pallet HeLa (FFPE) stained with Rabbit anti-Jun-b(pS79) (Cat# 500-11774) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

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