



Rabbit anti c-fos Polyclonal Antibody

Alternative Name(s): p55; c-FOS; AP-1

Order Information

- **Description:** c-fos
- **Catalogue:** 500-4464
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu, Rt, Ms

ANTIGEN PREPARATION

A synthetic peptide corresponding to N-term of c-Fos protein. This sequence is identical in human, mouse, rat and bovine.

BACKGROUND

The c-Fos proto-oncogene, an 55 kDa nuclear phosphor-protein, belongs to a family of transcription factors. It plays important roles in cell proliferation and differentiation. c-Fos is associated with the c-Jun protein, forming a stable c-Fos/c-Jun heterodimeric complex, this complex binds to the DNA promoter region which regulate transcription. Expression of the c-Fos gene is low in most normal adult tissues. However, high levels of expression have been detected in normal skin.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

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

SPECIFICITY

This antibody recognizes c-Fos protein. It cross-reacts to human, mouse, rat. The other species were not tested.

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 $\mu\text{g}/\text{ml}$
- ELISA: 0.01-0.1 $\mu\text{g}/\text{ml}$
- Immunoprecipitation: 2-5 $\mu\text{g}/\text{ml}$
- IHC: 2-10 $\mu\text{g}/\text{ml}$
- Flow cytometry: Not tested
- Molecular Weight: 50-55
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

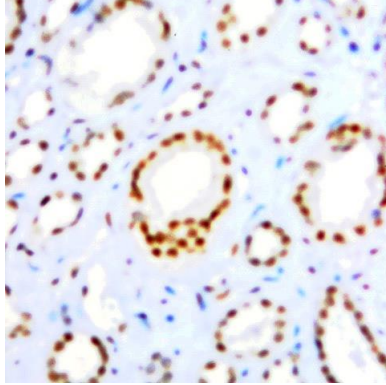
*Optimal dilutions should be determined by researchers for the specific applications.

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: Human Prostate tissue (FFPE) stained with Anti-c-Fos antibody (Cat# 500-4464) at 1:100 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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