

# Anti-c-Fos Antibody

**CATALOG NO.:** A1858-100 100 µl.

**BACKGROUND DESCRIPTION:** The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death.

**ALTERNATE NAMES:** FOS.  
C-FOS.  
proto-oncogene c-Fos.  
AP-1  
p55

**ANTIBODY TYPE:** Polyclonal

**HOST/ISOTYPE:** Rabbit / Rabbit IgG.

**IMMUNOGEN:** Recombinant fusion protein containing a sequence corresponding to amino acids 211-380 of human c-Fos (NP\_005243.1).

**PURIFICATION:** Affinity purification.

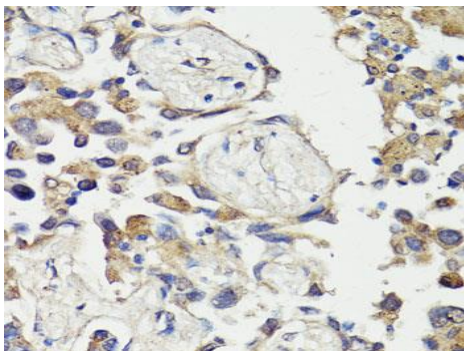
**FORM:** Liquid.

**FORMULATION:** Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

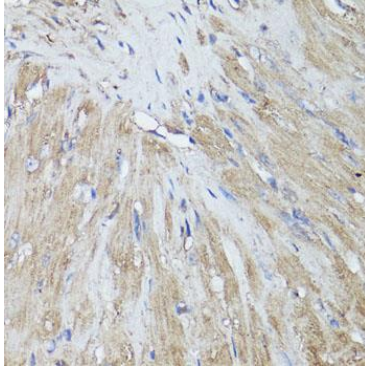
**SPECIES REACTIVITY:** Rat.  
Mouse.  
Human.

**STORAGE CONDITIONS:** Store at -20°C; Avoid repeated freeze / thaw cycles.

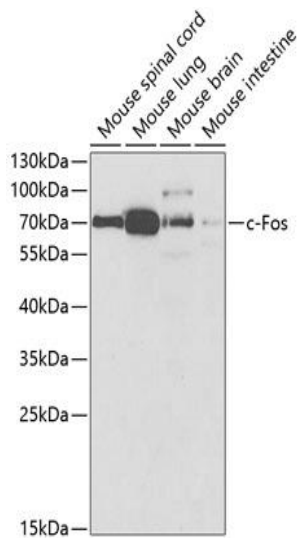
**APPLICATIONS AND USAGE:** WB 1:500 - 1:2000.  
IHC 1:50 - 1:200.  
IF 1:50 - 1:200.



Immunohistochemistry of paraffin-embedded human lung cancer using C-FOS antibody at dilution of 1:150



Immunohistochemistry of paraffin-embedded mouse heart using C-FOS antibody at dilution of 1:150.



Western blot analysis of extracts of various cell lines, using c-Fos antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilutions. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

#### RELATED PRODUCTS:

- c-Jun antibody (3009)
- c-Jun Antibody (3702)
- Phospho-JKK1/SEK1/MKK4 Antibody (3478)
- SEK1/MKK4/JKK1 Antibody (3871)
- CIKS/Act1 Antibody (3341)

**FOR RESEARCH USE ONLY! Not to be used on humans.**