

## anti- C-FOS antibody

### Product Information

|               |   |
|---------------|---|
| Catalog No.:  | FNab09803   |
| Size:         | 100 $\mu$ g   |
| Form:         | liquid  |
| Purification: | Immunogen affinity purified   |
| Purity:       | $\geq$ 95% as determined by SDS-PAGE  |
| Host:         | Rabbit  |
| IsoType:      | IgG   |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 $^{\circ}$ C for 24 months (Avoid repeated freeze / thaw cycles.) |

### Background

c-FOS, also named as Proto-oncogene c-Fos and G0/G1 switch regulatory protein 7, is a 380 amino acid protein, which contains 1 bZIP (basic-leucine zipper) domain and belongs to the bZIP family. FOS is expressed at very low levels in quiescent cells. When cells are stimulated to reenter growth, FOS undergo 2 waves of expression, the first one peaks 7.5 minutes following FBS induction. At this stage, the FOS protein is localized endoplasmic reticulum. The second wave of expression occurs at about 20 minutes after induction and peaks at 1 hour. At this stage, the FOS protein becomes nuclear. The calculated molecular weight of FOS is 40 kDa, but Phosphorylated FOS protein is about 60-65 kDa.

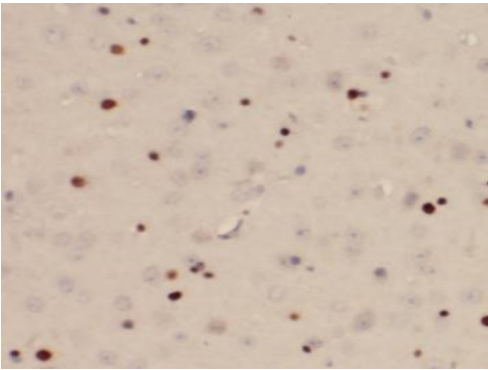
### Immunogen information

|                |  |
|----------------|--|
| Immunogen:     | Proto oncogene c Fos   |
| Synonyms:      | AP 1, C FOS, Cellular oncogene fos, c-FOS, FOS, G0S7, Proto oncogene c Fos |
| Calculated MW: | 65KD   |
| Uniprot ID :   | P01100   |

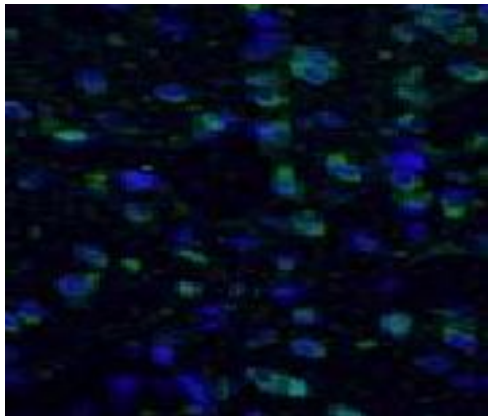
### Application

|                       |  |
|-----------------------|--|
| Specificity:          | human, mouse, rat; other species are not tested. Please decide the specificity by homology |
| Tested Application:   | ELISA, IF, IHC, WB   |
| Recommended dilution: | WB : 1:500-1:2000<br>IHC : 1:200-1:800<br>IF : 1:50-1:500                                  |

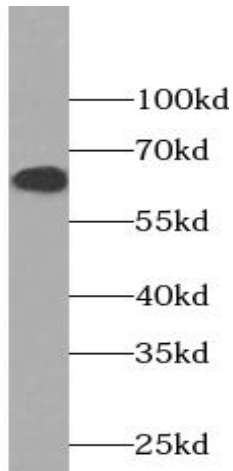
Image:



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab09803( c-FOS antibody) at dilution of 1:400



Immunofluorescent analysis of ( 4% PFA) fixed mouse brain tissue using FNab09803 (c-FOS antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



mouse embryo tissue were subjected to SDS PAGE followed by western blot with FNab09803( c-FOS antibody) at dilution of 1:1000