

FOS Polyclonal Antibody

catalog number: E-AB-93208

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | A synthetic peptide of human FOS |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

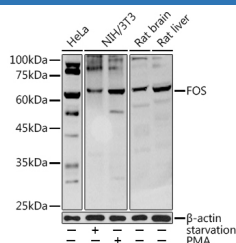
Applications

Recommended Dilution

WB

1:500-1:2000

Data



Western blot analysis of extracts of various cell lines using FOS Polyclonal Antibody at 1:1000 dilution. NIH/3T3 cells were treated by Serum-starvation overnight at 37°C. NIH/3T3 cells were treated by PMA/TPA (200 nM) at 37°C for 15 minutes after serum-starvation overnight.

Observed-MW:62 kDa

Calculated-MW:28 kDa/36 kDa/40 kDa

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

Background

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.

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