

Anti-c-Fos Rabbit pAb

Purified Rabbit Polyclonal Antibody

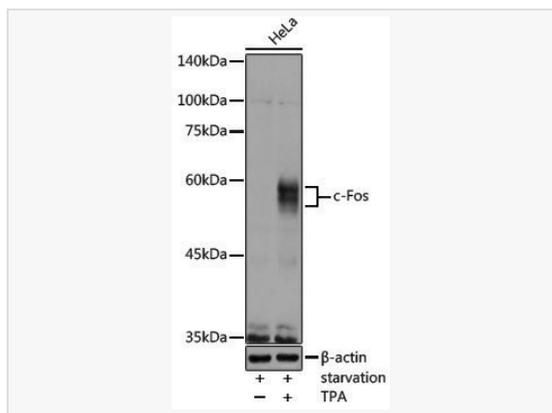
Catalog # P100090

Product Information

| | |
|-------------|---|
| Application | WB, IP, ELISA |
| Reactivity | Human |
| Dilution | WB 1:500~1:1,000; IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | Recombinant fusion protein containing a sequence corresponding to amino acids 1-114 of human c-Fos (NP_005243.1). |
| Format | Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | Anti-c-Fos Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

| | |
|---------------|---|
| Synonyms | p55; AP-1; C-FOS; FOS. |
| Calculated MW | Calculated MW: 41 kDa; Observed MW: 55-60 kDa |
| Uniprot ID | P01100 |
| Gene ID | 2353 |
| 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. |



Western blot analysis of lysates from HeLa cells, using c-Fos Rabbit pAb (P100090) at 1:1,000 dilution. HeLa cells were treated by PMA/TPA (200 nM) at 37°C for 15 minutes after serum-starvation overnight.

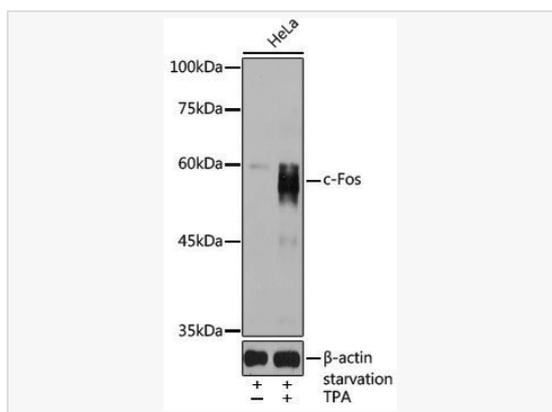
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 1s.



Western blot analysis of lysates from HeLa cells, using c-Fos Rabbit pAb (P100090) at 1:1,000 dilution. HeLa cells were treated by PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight.

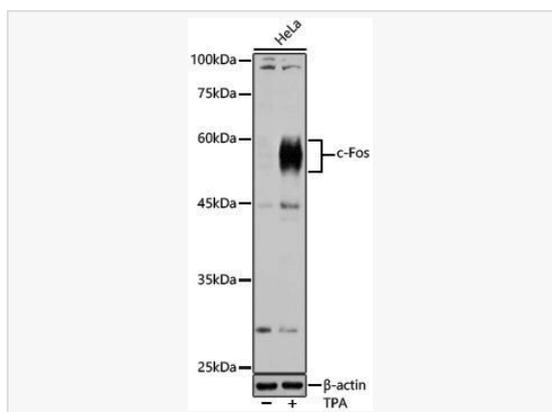
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 30s.



Western blot analysis of lysates from HeLa cells, using c-Fos Rabbit pAb (P100090) at 1:1,000 dilution. HeLa cells were treated by PMA/TPA (200 nM) at 37°C for 15 minutes after serum-starvation overnight.

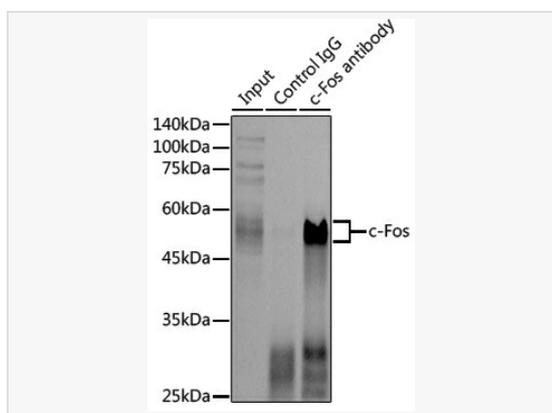
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 3s.



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg c-Fos antibody (P100090). Western blot was performed from the immunoprecipitate using c-Fos antibody (P100090) at a dilution of 1:1000.