

A0236

Leader in Biomolecular Solutions for Life Science



c-Fos Rabbit pAb

Catalog No.: A0236

32 Publications

Basic Information

Observed MW

55-60kDa

Calculated MW

41kDa

Category

Polyclonal Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human

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.

Recommended Dilutions

WB 1:500 - 1:1000

IP 0.5µg-4µg antibody for
200µg-400µg extracts
of whole cells

ELISA Recommended starting
concentration is 1
µg/mL. Please optimize
the concentration
based on your specific
assay requirements.

Immunogen Information

Gene ID

2353

Swiss Prot

P01100

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-114 of human c-Fos (NP_005243.1).

Synonyms

p55; AP-1; C-FOS; c-Fos

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

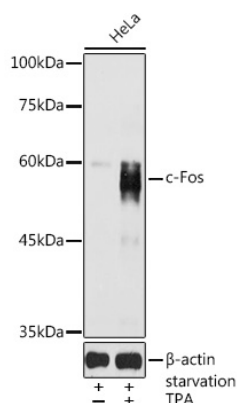
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Contact

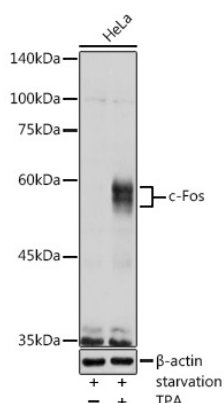


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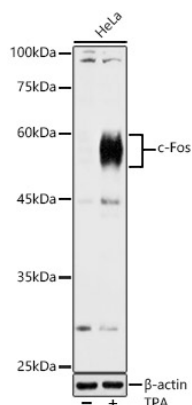
Validation Data



Western blot analysis of lysates from HeLa cells, using c-Fos Rabbit pAb (A0236) at 1:1000 dilution. HeLa cells were treated with PMA/TPA (200 nM) at 37°C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

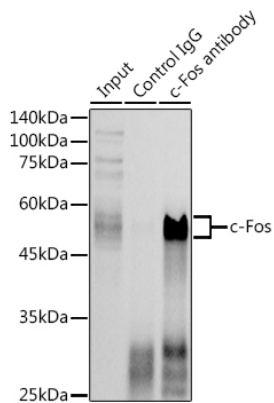


Western blot analysis of lysates from HeLa cells, using c-Fos Rabbit pAb (A0236) at 1:1000 dilution. HeLa cells were treated with PMA/TPA (200 nM) at 37°C for 15 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Western blot analysis of lysates from HeLa cells, using c-Fos Rabbit pAb (A0236) at 1:1000 dilution. HeLa cells were treated with PMA/TPA (200 nM) at 37°C for 15 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 3s.

Validation Data



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg c-Fos antibody (A0236). Western blot was performed from the immunoprecipitate using c-Fos antibody (A0236) at a dilution of 1:1000.