

c-Fos antibody

Cat. No. GTX03375

| | |
|---------------------|---------------------------------|
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Applications | WB, ICC/IF, IHC (Free Floating) |
| Reactivity | Human, Mouse, Rat |

Package
100 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|---------------------|----------------------|
| WB | Assay dependent |
| ICC/IF | Assay dependent |
| IHC (Free Floating) | Assay dependent |

Not tested in other applications.

Calculated MW 41 kDa. ([Note](#))

Properties

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | PBS, 50% glycerol |
| Preservative | 5mM Sodium azide |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Full length recombinant human protein expressed in and purified from E. coli. |
| Purification | Purified by affinity chromatography |
| Conjugation | Unconjugated |

Note

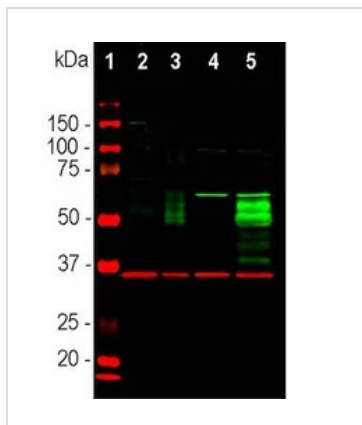
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DATA IMAGES



GTX03375 WB Image

WB analysis of various sample lysates using GTX03375 c-Fos antibody. Multiple bands at 50-65 kDa in stimulated or treated cell lysates, correspond to different isoforms of the c-FOS protein.

Red : Primary antibody

Green : GAPDH

Dilution : 1:2000

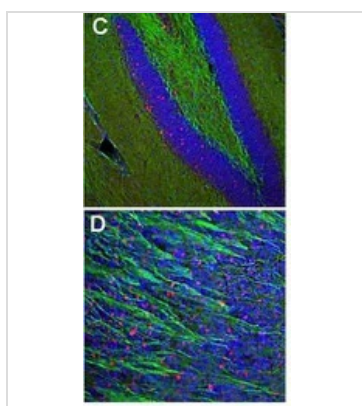
Lane 1 : protein marker

Lane 2 : HeLa cells grown in FBS free media

Lane 3 : HeLa cells stimulated with 20% FBS for 2 hours after being in FBS free media for 36 hours

Lane 4 : rat cortical neurons

Lane 5 : rat cortical neurons treated with membrane depolarization buffer for 5 hours



GTX03375 IHC (Free Floating) Image

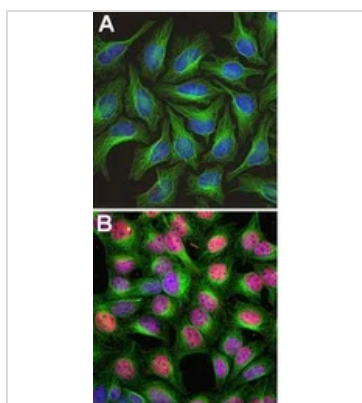
IHC (Free Floating) analysis of Mouse hippocampus (C) or olfactory bulb (D) tissue sections using GTX03375 c-Fos antibody. The c-FOS antibody stains only nuclei of spontaneously active neurons. NF-L is expressed in axons of neuronal cells.

Red : Primary antibody

Green : NF-L

Blue : Hoechst staining of nuclear DNA

Dilution : 1:10000



GTX03375 ICC/IF Image

ICC/IF analysis of HeLa cells were treated with PBS (A) or stimulated with 20% FBS (B) for 30 min after serum starvation for 36hr using GTX03375 c-Fos antibody. c-FOS antibody labels only the nuclei of stimulated cells.

Red : Primary antibody

Green : Tubulin

Blue : DAPI

Dilution : 1:2000



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