

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

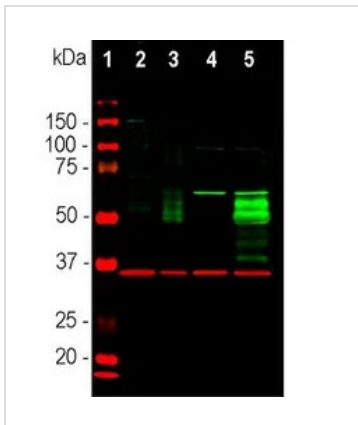
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DATA IMAGES



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

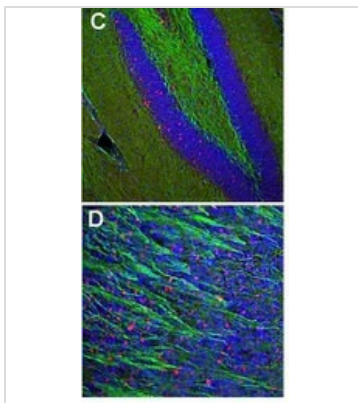
Lane 1 : protein marker

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

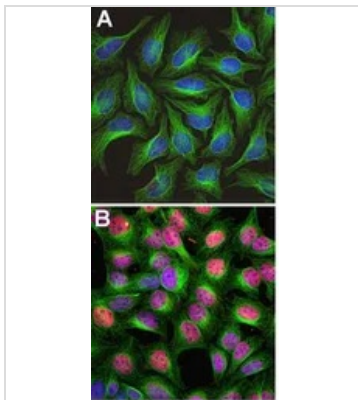
IHC (Free Floating) analysis of Mouse hippocampus (C) or olfactory bulb (D) tissue sections using GTx03375 c-Fos antibody. The c-FOS antibody stains only nuclei of spontaneously active neurons. NF-L is expressed in axons of neuronal cells.

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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