

ATF4 antibody

Cat. No. GTX101943

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Human, Mouse, Rat

References (16)

★★★★★ Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Calculated MW 39 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.7 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human ATF4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

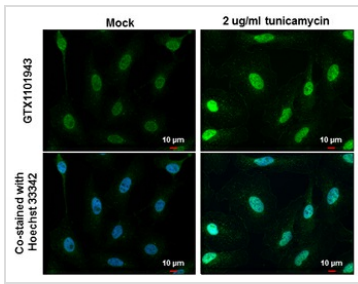
Note

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DATA IMAGES

GTX101943 ICC/IF Image

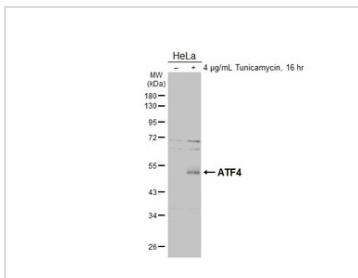
ATF4 antibody detects ATF4 protein at cytoplasm and nucleus by immunofluorescent analysis.

Samples: HeLa cells mock (left) and treated with 2 $\mu\text{g/ml}$ Tunicamycin for 8hrs (right) were fixed in 4% paraformaldehyde at RT for 15 min.

Green: ATF4 protein stained by ATF4 antibody (GTX101943) diluted at 1:500.

Blue: Hoechst 33342 staining.

Scale bar = 10 μm .


GTX101943 WB Image

Untreated (–) and treated (+) HeLa whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with ATF4 antibody (GTX101943) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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