

ATF3 antibody

Cat. No. GTX48669

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ELISA
Reactivity	Human

Package
50 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:200-1:2000
ELISA	1:5000-1:20000

Not tested in other applications.

Calculated MW 21 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	20mM Potassium Phosphate, 150mM NaCl
Preservative	0.01% 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	Synthetic peptide corresponding to an internal region of human ATF3.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

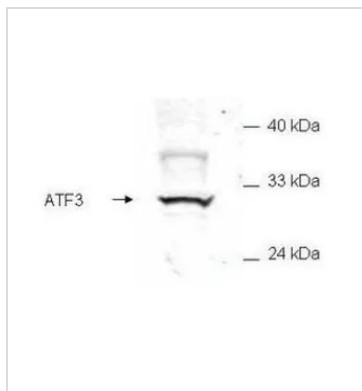
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

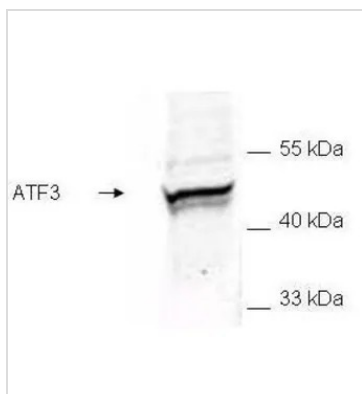
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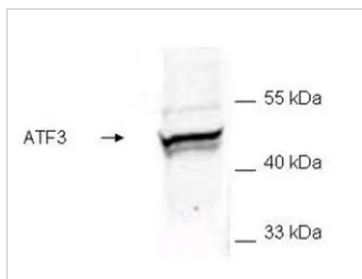
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DATA IMAGES

GTx48669 WB Image

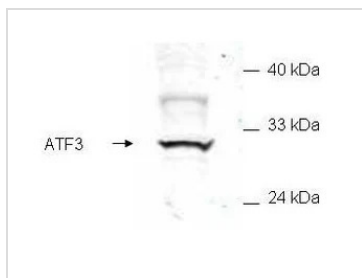
Western blot of mammalian whole cell extract transfected with HA epitope tagged human ATF3. GeneTex's Affinity purified anti-ATF3 detects a band ~31 kDa corresponding to recombinant human ATF3. Immunostaining using GeneTex's anti-HA epitope tag antibody confirms the composition of the recombinant band (not shown). The protein was transferred to nitrocellulose in 30 minutes using standard methods. After blocking with 5% goat serum and 0.5% non-fat milk in PBS, the membrane was probed with the primary antibody diluted 1:200 in 0.2X blocking buffer in PBS overnight at 4°C. Reaction was followed by washes and reaction with a 1:5000 dilution of IRDye™800 conjugated Gt-a-Rabbit IgG [H&L] for 30 min at room temperature. LICOR's Odyssey® Infrared Imaging System was used to scan and process the image. Other detection systems will yield similar results.


GTx48669 WB Image

Western blot of E.coli whole cell extract transfected with GST epitope tagged human ATF3. GeneTex's Affinity purified anti-ATF3 detects a band ~48 kDa corresponding to recombinant human ATF3. Immunostaining using GeneTex's anti-GST epitope tag antibody confirms the composition of the recombinant band (not shown). The protein was transferred to nitrocellulose using standard methods. After blocking with 5% goat serum and 0.5% non fat milk in PBS, the membrane was probed with the primary antibody diluted 1:200 in 0.2X blocking buffer in PBS overnight at 4°C. Reaction was followed by washes and reaction with a 1:5000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] for 30 min at room temperature. LICOR's OdysseyR Infrared Imaging System was used to scan and process the image. Other detection systems will yield similar results.


GTx48669 WB Image

WB analysis of recombinant GST-tagged human ATF3 protein using GTx48669 ATF3 antibody.
Dilution : 1:200


GTx48669 WB Image

WB analysis of recombinant HA-tagged human ATF3 protein using GTx48669 ATF3 antibody.
Dilution : 1:200



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