

# ATF4 antibody

**Cat. No. GTX30070**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF
<b>Reactivity</b>	Human, Rat

[References \( 2 \)](#)

[Package](#)

100 µl

## Applications

### Application Note

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

Suggested dilution	Recommended dilution
WB	1:500 - 1:2000
ICC/IF	1:50 - 1:200

Not tested in other applications.

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

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 50% Glycerol
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	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.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-351 of human ATF4 (NP_001666.2).
<b>Purification</b>	Purified by affinity chromatography
<b>Conjugation</b>	Unconjugated

### Note

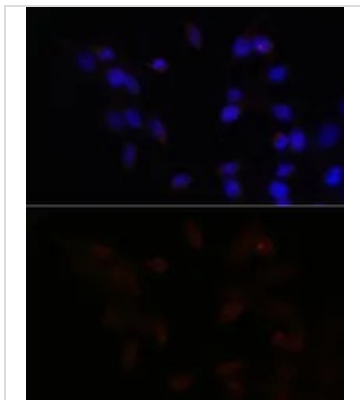
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## DATA IMAGES

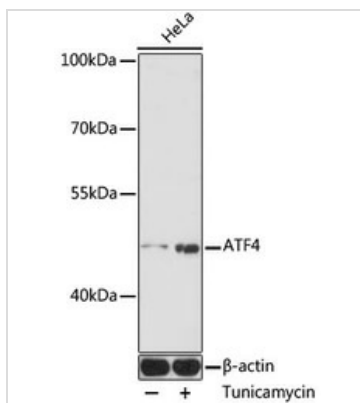


### GTX30070 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX30070 ATF4 antibody.

Blue : DAPI

Dilution : 1:100

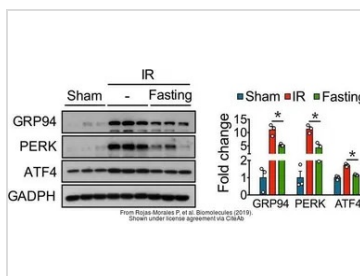


### GTX30070 WB Image

WB analysis of HeLa cells treated by tunicamycin (2 µg/mL) for 8 hours using GTX30070 ATF4 antibody. The signal was developed with ECL plus-Enhanced.

Dilution : 1:1000

Loading : 25µg per lane



### GTX30070 WB Image

The data was published in the journal Biomolecules in 2019. [PMID: 31443530](https://pubmed.ncbi.nlm.nih.gov/31443530/)



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