

## ATF6 antibody [1-7]

## Cat. No. GTX00687

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IP
Reactivity	Human

References ( 2 )

Package

50 µg

## Applications

## Application Note

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

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

Not tested in other applications.

Calculated MW 75 kDa. ([Note](#))

**Product Note** This antibody detects both full-length ATF6 alpha as well as the cleaved ATF6 alpha p50 form. We do not recommend use of this product for Mouse samples.

## Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
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	Recombinant human ATF6 alpha; (His-tagged amino-terminal fragment of ATF6 alpha)
Purification	Purified IgG
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

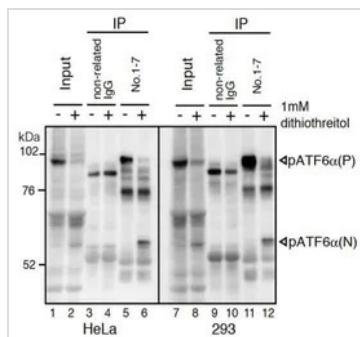
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

### Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

### DATA IMAGES



#### GTX00687 IP Image

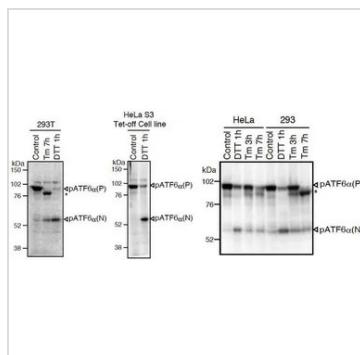
IP analysis of HeLa or 293 cell lysates using GTX00687 ATF6 antibody [1-7]. It is recommended using a light chain specific anti-mouse IgG antibody as a secondary antibody.

Lane 1, 2, 7, and 8 : Input

Lanes 3, 4, 9, and 10 : Non-related IgG as IP antibody

Lanes 5, 6, 11, and 12 : GTX00687 as IP antibody

IB antibody: GTX00687 ATF6 antibody [1-7]



#### GTX00687 WB Image

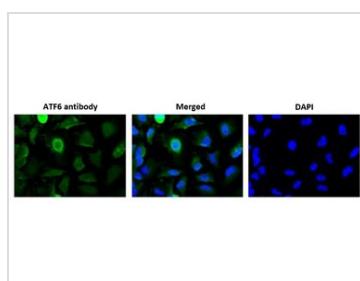
WB analysis of various samples using GTX00687 ATF6 antibody [1-7]. The asterisk denotes an unglycosylated form of pATF6α(P). ATF6α is constitutively expressed as pATF6α(P), and converted to pATF6α(N) (> 50-kDa protein) in ER-stressed cells.

pATF6α(P) : the endogenous precursor ATF6 alpha (~90kDa)

pATF6α(N) : the cleaved product of ATF6 alpha (>50kDa)

Tm: cells treated with 2 µg/ml tunicamycin (inhibitor of N-glycosylation) <br> DTT: cells treated with 1mM dithiothreitol (reducing reagent).

Loading : 50µg



#### GTX00687 ICC/IF Image

ICC/IF analysis of HeLa cells using GTX00687 ATF6 antibody [1-7].

Green : Primary antibody

Blue : DAPI

Dilution : 1:100



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