

anti- ATF6 antibody

Product Information

Catalog No.:	FNab10404
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Transmembrane glycoprotein of the endoplasmic reticulum that functions as a transcription activator and initiates the unfolded protein response(UPR) during endoplasmic reticulum stress. Cleaved upon ER stress, the N-terminal processed cyclic AMP-dependent transcription factor ATF-6 alpha translocates to the nucleus where it activates transcription of genes involved in the UPR. Binds DNA on the 5'-CCAC[GA]-3'half of the ER stress response element(ERSE)(5'-CCAAT-N(9)-CCAC[GA]-3') and of ERSE II(5'-ATTGG-N-CCACG-3'). Binding to ERSE requires binding of NF-Y to ERSE. Could also be involved in activation of transcription by the serum response factor. May play a role in foveal development and cone function in the retina.

Immunogen information

Immunogen:	activating transcription factor 6
Synonyms:	ATF6, ATF6 alpha, ATF6A
Observed MW:	50 kDa, 100 kDa
Uniprot ID :	P18850

Application

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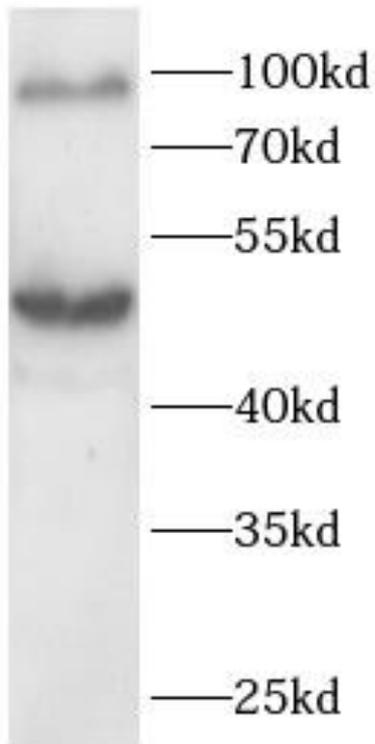
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Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:200-1:2000

Image:



MCF-7 cells were subjected to SDS PAGE followed by western blot with FNab10404(ATF6 Antibody) at dilution of 1:1000

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