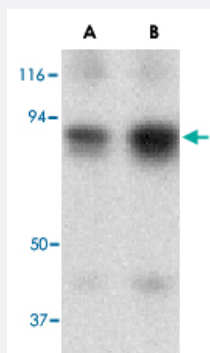


ATF6 polyclonal antibody

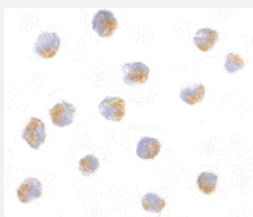
Catalog # PAB13180 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of ATF6 in MDA-MB-361 cell lysate with ATF6 polyclonal antibody (Cat # PAB13180) at (A) 0.5 and (B) 1 ug/mL .



Immunocytochemistry

Immunocytochemistry of ATF6 in A-20 with ATF6 polyclonal antibody (Cat # PAB13180) at 10 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ATF6.
Immunogen	A synthetic peptide corresponding to N-terminus 17 amino acids of human ATF6.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of ATF6 in MDA-MB-361 cell lysate with ATF6 polyclonal antibody (Cat # PAB13180) at (A) 0.5 and (B) 1 ug/mL .

- Immunocytochemistry

Immunocytochemistry of ATF6 in A-20 with ATF6 polyclonal antibody (Cat # PAB13180) at 10 ug/mL .

Gene Info — ATF6

Entrez GeneID	22926
Protein Accession#	NP_031374
Gene Name	ATF6
Gene Alias	ATF6A
Gene Description	activating transcription factor 6
Omim ID	605537
Gene Ontology	Hyperlink
Gene Summary	ATF6 is an endoplasmic reticulum (ER) stress-regulated transmembrane transcription factor that activates the transcription of ER molecules.[supplied by OMIM]
Other Designations	OTTHUMP00000025585 activating transcription factor 6 alpha

Publication Reference

- [Tetramethylpyrazine suppresses angiotensin II-induced soluble epoxide hydrolase expression in coronary endothelium via anti-ER stress mechanism.](#)

Mak SK, Yu CM, Sun WT, He GW, Liu XC, Yang Q.

Toxicology and Applied Pharmacology 2017 Dec; 336:84.

Application: WB-Ce, Pig, Pig coronary endothelial cells

- [The unfolded protein response.](#)

Liu CY, Kaufman RJ.

Journal of Cell Science 2003 May; 116(Pt 10):1861.

Application: WB-Tr, Human, Mammalian cells

- [Mammalian transcription factor ATF6 is synthesized as a transmembrane protein and activated by proteolysis in response to endoplasmic reticulum stress.](#)

Haze K, Yoshida H, Yanagi H, Yura T, Mori K.

Molecular Biology of the Cell 1999 Nov; 10(11):3787.

- [The glucose-regulated proteins \(GRP78 and GRP94\): functions, gene regulation, and applications.](#)

Little E, Ramakrishnan M, Roy B, Gazit G, Lee AS.

Crit Rev Eukaryot Gene Expr 1994 Jan; 4(1):1.

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