

ATF6A Rabbit Polyclonal Antibody

Catalog# UZ-PA01066

Product information

产品货号	UZ-PA01066
产品名称	ATF6A Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	ATF6
推荐应用	WB
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	22926
Human Swissprot No.	P18850
免疫原	Synthesized peptide derived from human ATF6A AA range: 221-271
稀释度	WB 1:500-2000
预测分子量	90kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	This gene encodes a transcription factor that activates target genes for the unfolded protein response (UPR) during endoplasmic reticulum (ER) stress. Although it is a transcription factor, this protein is unusual in that it is synthesized as a transmembrane protein that is embedded in the ER. It functions as an ER stress sensor/transducer, and following ER stress-induced proteolysis, it functions as a nuclear transcription factor via a cis-acting ER stress response element (ERSE) that is present in the promoters of genes encoding ER chaperones. This protein has been identified as a survival factor for quiescent but not proliferative squamous carcinoma cells. There have been conflicting reports about the association of polymorphisms in this gene with diabetes in different populations, but another polymorphism has been associated with increased plasma cholesterol levels. This gene is also thought to be a potential therapeutic target for cystic fibrosis. [provided by RefSeq, Aug 2011],
细胞定位	Endoplasmic reticulum membrane ; Single-pass type II membrane protein . Golgi apparatus membrane ; Single-pass type II membrane protein . Translocates from the endoplasmic reticulum to the Golgi, where it is processed. .; [Processed cyclic AMP-dependent transcription factor ATF-6 alpha]: Nucleus . Under ER stress the cleaved N-terminal cytoplasmic domain translocates into the nucleus (PubMed:10564271 , PubMed:12782636). THBS4 promotes its nuclear shuttling (By similarity). .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal