



ATF6 Polyclonal Antibody

E90202

Catalog Number: E90202

Amount: 100ul

Background: 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]

Species: Rabbit

Isotype: IgG

Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: ATF6 ;ATF6A ; Processed cyclic AMP-dependent transcription factor ATF-6 alpha ; Activating transcription factor 6 alpha ;

Immunogen: C term -peptide of human ATF6

Purification: Affinity purification

Reactivity: H M R

Applications: WB IHC

Molecular Weight: 75kDa

Swiss-Prot No. : P18850

Gene ID: 22926

For Research Use Only

