

ATF-6 alpha Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252098

Unit: 0.1 mg

Description:

ATF-6 alpha is a transcription factor that acts during endoplasmic reticulum stress by activating unfolded protein response target genes. ATF-6 alpha 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'). The binding to ERSE also requires binding of NF-Y to the ERSE. ATF-6 alpha is also involved in activation of transcription by the serum response factor.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

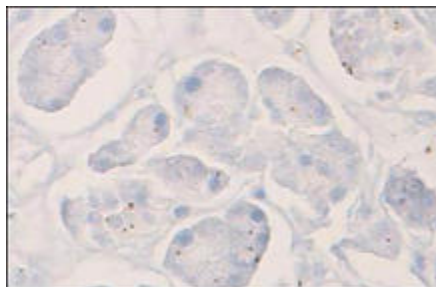
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Cyclic AMP-dependent transcription factor ATF-6 alpha; cAMP-dependent transcription factor ATF-6 alpha; Activating transcription factor 6 alpha; ATF6-alpha; Processed cyclic AMP-dependent transcription factor ATF-6 alpha; ATF6

Accession No.: P18850

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human ATF-6 alpha.

Application Notes: E: 1:10,000-1:50,000; WB: 1:100-1:500; IHC: 1:100-1:500



ATF-6 alpha staining in human pancreas. Paraffin-embedded human pancreas tissue is stained with ATF-6 alpha antibody (Cat. No. 252098) used at 1:100 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.