

Datasheet

ATF6 polyclonal antibody

Catalog Number: PAB14606

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of ATF6.

Immunogen: A synthetic peptide corresponding to amino acids 491-509 of human ATF6.

Sequence: EVERTKSRRMTNNQKTRI

Host: Rabbit

Reactivity: Human, Mouse, Rat

Applications: ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: ELISA (1:100-1:1000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In serum (50% glycerol, 0.025% sodium azide)

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 22926

Gene Symbol: ATF6

Gene Alias: ATF6A

Gene Summary: ATF6 is an endoplasmic reticulum (ER) stress-regulated transmembrane transcription factor that activates the transcription of ER molecules.[supplied by OMIM]

References:

1. ER stress induces cleavage of membrane-bound

ATF6 by the same proteases that process SREBPs. Ye J, Rawson RB, Komuro R, Chen X, Dave UP, Prywes R, Brown MS, Goldstein JL. Mol Cell. 2000 Dec;6(6):1355-64.

2. 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. Mol Biol Cell. 1999 Nov;10(11):3787-99.

3. Interaction of ATF6 and serum response factor. Zhu C, Johansen FE, Prywes R. Mol Cell Biol. 1997 Sep;17(9):4957-66.