

ATF6B Polyclonal Antibody

Catalog No.	A16742	Category	Polyclonal Antibodies
Applications	WB	Observed MW	70kDa
Cross-reactivity	Mouse, Rat	Calculated MW	76kDa

Immunogen Information

Immunogen	Recombinant Protein of human ATF6B
Gene ID	1388
Swiss prot	Q99941
Synonyms	ATF6B; CREB-RP; CREBL1; G13; activating transcription factor 6 beta

Product information

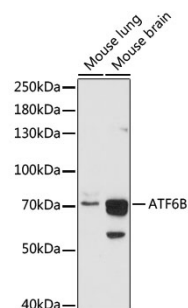
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background

The protein encoded by this gene is a transcription factor in the unfolded protein response (UPR) pathway during ER stress. Either as a homodimer or as a heterodimer with ATF6-alpha, the encoded protein binds to the ER stress response element, interacting with nuclear transcription factor Y to activate UPR target genes. The protein is normally found in the membrane of the endoplasmic reticulum; however, under ER stress, the N-terminal cytoplasmic domain is cleaved from the rest of the protein and translocates to the nucleus. Two transcript variants encoding different isoforms have been found for this gene.

Recommended Dilutions

WB 1:500 -
1:2000



Western blot - ATF6B Polyclonal Antibody (A16742)