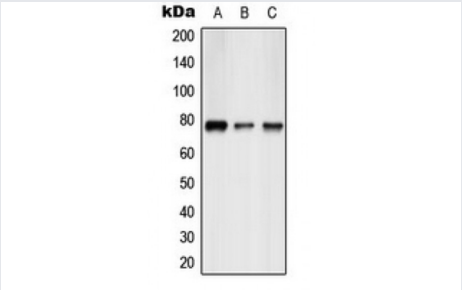
ATF6B Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ATF6B, Polyclonal Antibody
Full Product Name	ATF6B Antibody
Product Gene Name	anti-ATF6B antibody
Product Synonym Names	Purified Polyclonal ATF6B Antibody; Polyclonal ATF6B antibody; Anti-ATF6B antibody; CREBL1 antibody; G13 antibody; Cyclic AMP-dependent transcription factor ATF-6 beta antibody; cAMP-dependent transcription factor ATF-6 beta antibody; Activating transcription factor 6 beta antibody; ATF6-beta antibody; Protein G13 antibody; cAMP response element-binding protein-related protein antibody; Creb-rp antibody; cAMP-responsive element-binding protein-like 1 antibody
Clonality	Polyclonal
Host	Rabbit
Form/Format	Supplied in liquid form in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3 with 30% Glycerol and 0.01% Sodium Azide
Purity/Purification	Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of ATF6B protein
Preparation and Storage	Store at 4 degree C for short term storage. For long term, aliquot and store at -20 degree C. Avoid repeat freeze/thaw cycles.
Immunogen	ATF6B antibody was raised in Rabbit using a KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ATF6B as the immunogen
Cross-Reactivity	Mouse, Rat
Product Categories/Family for anti-ATF6B antibody	DNA & RNA
Applications Tested/Suitable for anti-ATF6B antibody	Western Blot (WB)
Application Notes for anti-ATF6B antibody	WB: 1:500-1:1000
Related Product Information for anti-ATF6B antibody	ATF6B 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.
Other Notes	Small volumes of anti-ATF6B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ATF6B purchase	MBS5316118 is an antibody targeting ATF6B. Also known as ATF6B Antibody. Host: Rabbit.



Western Blot (WB) of anti-ATF6B antibody
Western blot analysis of ATF6B expression in HepG2 (A); mouse liver (B); rat liver (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ATF6B. It may not necessarily be applicable to this product.

NCBI GI #	1159610228
NCBI GeneID	1388
UniProt Related Accession #	Q99941
NCBI Official Full Name	ATF6B
NCBI Official Synonym Full Names	activating transcription factor 6 beta
NCBI Official Symbol	ATF6B
NCBI Official Synonym Symbols	G13; CREBL1; CREB-RP
Protein Family	Cyclic AMP-dependent transcription factor
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-6 beta
NCBI Summary for ATF6B	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. [provided by RefSeq, Oct 2008]
Research Articles on ATF6B	**1.** ATF4 and ATF6beta act synergistically in the negative regulation of placental growth factor mRNA expression
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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