Product name:	B-ATF Rabbit Polyclonal Antibody
Cat number:	ABN07470
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human BATF. AA range:10-59
Reactivity:	Human,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	The protein encoded by this gene is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. The leucine zipper of this protein mediates dimerization with members of the Jun family of proteins. This protein is thought to be a negative regulator of AP-1/ATF transcriptional events. [provided by RefSeq, Jul 2008],function:Functions as a negative regulator of AP-1 mediated transcription by binding to Jun proteins. Jun/B-ATF heterodimers bind DNA preferentially at the 12-O-tetradecanoylphorbol-13-acetate response element (TRE) (consensus: 5'-TGA[CG]TCA-3') and weaker at the cAMP-responsive region (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), but are transcriptionally inert.,PTM:Phosphorylated.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Forms heterodimers with JUN, JUNB and JUND. Also interacts with IFI35.,tissue specificity:Expressed at highest levels in lung, and at lower levels in placenta, liver, kidney, spleen, and peripheral blood. Detected in SW480 colorectal cancer cell line and several hematopoietic tumor cell lines, including Raji Burkitt's lymphoma. Strongly expressed in mature B- and T-lymphocytes. According to PubMed:10777209 also expressed in moderate levels in lymph node and appendix and at low levels in thymus and bone marrow.,