

Rabbit BATF Polyclonal Antibody | anti-BATF antibody

BATF Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40569	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

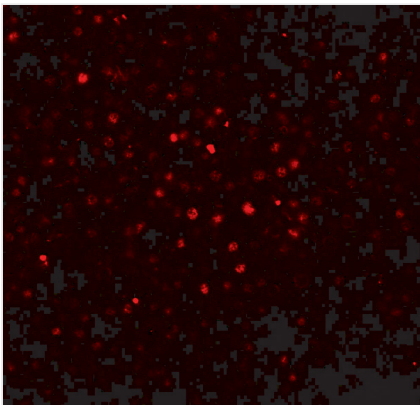
PRODUCT SYNONYMS

BATF; Polyclonal Antibody; BATF Antibody; SFA2; B-ATF; BATF1; SFA-2; Basic leucine zipper transcriptional factor ATF-like; B-cell-activating transcription factor; basic leucine zipper transcription factor; ATF-like; anti-BATF antibody

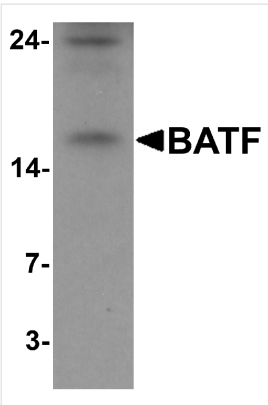
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Multiple isoforms of BATF are known to exist. Despite its predicted molecular weight, BATF often migrates at a higher than expected molecular weight.
Purity/Purification	BATF Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	125
Applicable Applications for anti-BATF antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	BATF antibody was raised against a 16 amino acid synthetic peptide near the amino terminus of human BATF.
Buffer	BATF Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	BATF antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of BATF in human spleen tissue with BATF antibody at 20 µg/mL.



WB (Western Blot)
Western blot analysis of BATF in rat spleen tissue lysate with BATF antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BATF antibody	BATF Antibody: BATF 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 and blocks cellular transformation by Ras and Fos. BATF also is required for the differentiation of IL-17-producing T helper (TH17) cells, a CD4+ subset of T cells that coordinates the inflammatory response in host defense. In both T cells and B cells, BATF is required for the appropriate regulation of the class-switch recombination.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453563
NCBI GeneID	10538
NCBI Accession #	NP_006390
NCBI GenBank Nucleotide #	NM_006399.3
UniProt Accession #	Q16520
Molecular Weight	14 kDa
NCBI Official Full Name	basic leucine zipper transcriptional factor ATF-like
NCBI Official Synonym Full Names	basic leucine zipper transcription factor, ATF-like
NCBI Official Symbol	BATF
NCBI Official Synonym Symbols	SFA2; B-ATF; BATF1; SFA-2
NCBI Protein Information	basic leucine zipper transcriptional factor ATF-like; SF-HT-activated gene 2 protein; activating transcription factor B; B-cell-activating transcription factor
UniProt Protein Name	Basic leucine zipper transcriptional factor ATF-like
UniProt Gene Name	BATF
UniProt Synonym Gene Names	B-ATF; SFA-2
UniProt Entry Name	BATF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.