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Datasheet for ABIN1698390

anti-BATF antibody (AA 31-125) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	BATF
Binding Specificity:	AA 31-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BATF antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BATF
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	BATF
Alternative Name:	BATF (BATF Products)
Background:	Synonyms: Activating transcription factor B, B ATF, B-ATF, B-cell-activating transcription factor,

Target Details

Basic leucine zipper transcription factor like, Basic leucine zipper transcriptional factor ATF like, Basic leucine zipper transcriptional factor ATF-like, Batf, BATF_HUMAN, BATF1, SF HT activated gene 2 protein, SF-HT-activated gene 2 protein, SFA 2, SFA-2, SFA2.

Background: B-ATF is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. The leucine zipper of B-ATF mediates dimerization with members of the Jun family of proteins. The B-ATF protein does not homodimerize efficiently, but rather forms a heterodimer preferentially with c-Jun. The B-ATF/c-Jun protein complex can interact with DNA containing a consensus binding site for AP-1, suggesting that B-ATF functions as a tissue-specific modulator of the AP-1 transcription complex in human cells. B-ATF also associates with IFP35, a leucine zipper protein that translocates to the nucleus following IFN treatment. The gene encoding B-ATF, also designated SFA-2, is strongly expressed in mature T and B lymphocytes, and is up-regulated after transformation by human T-cell leukemia virus type I.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months