

**BATF3 Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21804c**

**Specification**

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**BATF3 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9NR55</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	14468

**BATF3 Antibody (Center) - Additional Information**

**Gene ID** 55509

**Other Names**

Basic leucine zipper transcriptional factor ATF-like 3, B-ATF-3, 21 kDa small nuclear factor isolated from T-cells, Jun dimerization protein p21SNFT, BATF3, SNFT

**Target/Specificity**

This BATF3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 58-89 amino acids from the Central region of human BATF3.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

BATF3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**BATF3 Antibody (Center) - Protein Information**

**Name** BATF3

**Synonyms** SNFT

**Function** AP-1 family transcription factor that controls the differentiation of CD8(+) thymic

conventional dendritic cells in the immune system. Required for development of CD8-alpha(+) classical dendritic cells (cDCs) and related CD103(+) dendritic cells that cross-present antigens to CD8 T-cells and produce interleukin-12 (IL12) in response to pathogens (By similarity). Acts via the formation of a heterodimer with JUN family proteins that recognizes and binds DNA sequence 5'-TGA[CG]TCA-3' and regulates expression of target genes.

#### Cellular Location

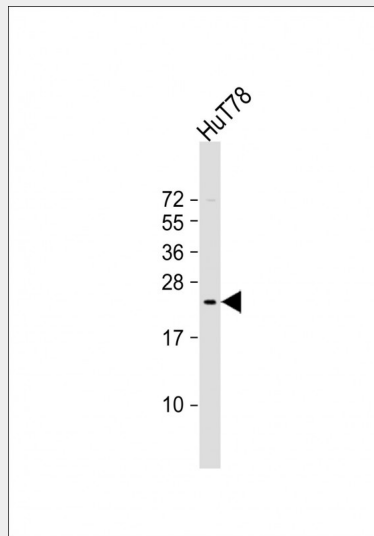
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978, ECO:0000269|PubMed:12087103}

### BATF3 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### BATF3 Antibody (Center) - Images



Anti-BATF3 Antibody (Center) at 1:2000 dilution + HuT78 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 14 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

### BATF3 Antibody (Center) - Background

AP-1 family transcription factor that controls the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. Required for development of CD8-alpha(+) classical dendritic cells (cDCs) and related CD103(+) dendritic cells that cross-present antigens to CD8 T-cells and produce interleukin-12 (IL12) in response to pathogens (By similarity). Acts via the formation of a heterodimer with JUN family proteins that recognizes and binds DNA sequence 5'-TGA[CG]TCA-3' and regulates expression of target genes.

**BATF3 Antibody (Center) - References**

- Iacobelli M., et al. J. Immunol. 165:860-868(2000).  
Gregory S.G., et al. Nature 441:315-321(2006).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Bower K.E., et al. J. Biol. Chem. 277:34967-34977(2002).  
Bower K.E., et al. Oncogene 23:8805-8814(2004).