

**BATF3 Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS17112**

**Specification**

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**BATF3 Antibody (N-Terminus) - Product Information**

Application	IHC
Primary Accession	<a href="#">O9NR55</a>
Other Accession	<a href="#">55509</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14468

**BATF3 Antibody (N-Terminus) - Additional Information**

**Gene ID** 55509

**Other Names**

BATF3, JUNDM1, JDP1, Jun dimerization protein 1, B-ATF-3, SNFT

**Target/Specificity**

BATF3 antibody is human, mouse and rat reactive. BATF3 antibody is predicted to have no cross-reactivity to other BATF family members.

**Reconstitution & Storage**

PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

**Precautions**

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

**BATF3 Antibody (N-Terminus) - 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**

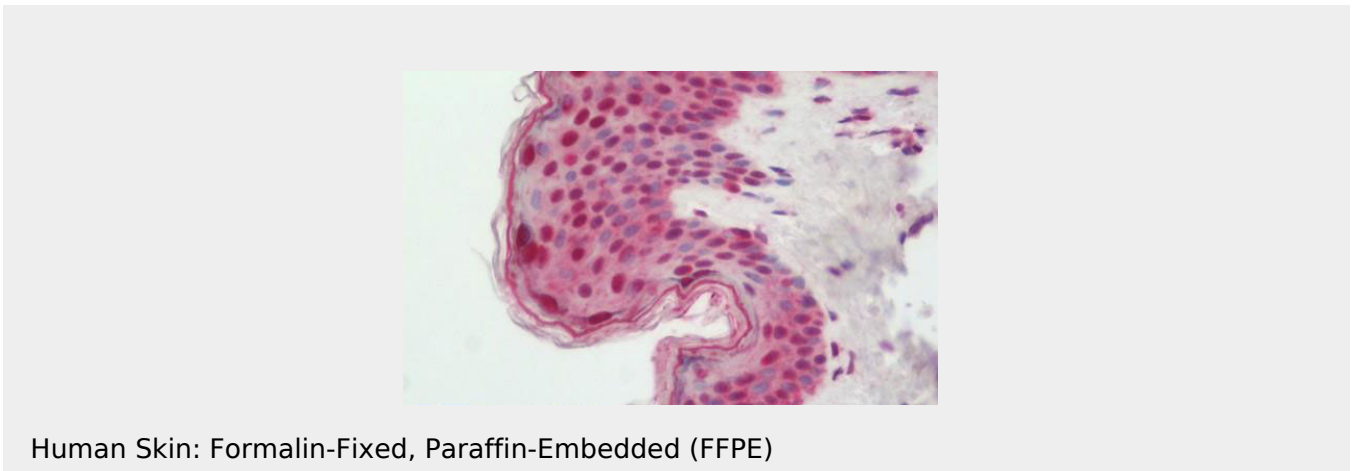
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978, ECO:0000269|PubMed:12087103}

## BATF3 Antibody (N-Terminus) - 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 (N-Terminus) - Images



## BATF3 Antibody (N-Terminus) - 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 (N-Terminus) - 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).