

BATF3 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11540

Product Information

Application	WB
Primary Accession	Q9NR55
Other Accession	NM_018664 , NP_061134
Reactivity	Human, Dog, Horse, Bovine, Yeast
Predicted	Human, Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14468

Additional Information

Gene ID	55509
Alias Symbol	JUNDM1, SNFT, JDP1
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
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-BATF3 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	BATF3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

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}

References

Bower, K.E., (2004) Oncogene 23 (54), 8805-8814 Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



WB Suggested Anti-BATF3 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: HT1080 cell lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.