

Product datasheet for **TA356677**

BATF2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human BATF2
Specificity:	Expected reactivity: Human, Yeast Homology: Human: 100%; Yeast: 77%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	30kDa
Gene Name:	basic leucine zipper ATF-like transcription factor 2
Database Link:	Q8N1L9



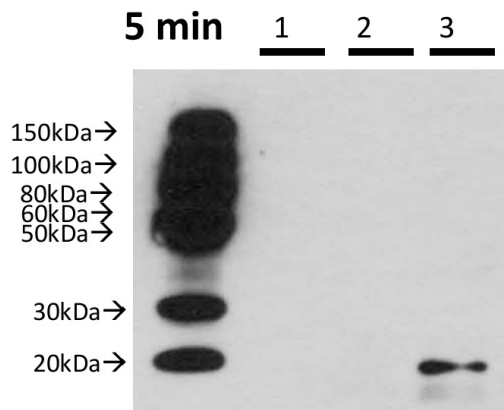
[View online »](#)

Background:

BATF2 is a AP-1 family transcription factor that controls the differentiation of lineage-specific cells in the immune system. Following infection, it participates in the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. It 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 (By similarity). It selectively suppresses CYR61/CCN1 transcription and hence blocks the downstream cell proliferation signals produced by CYR61 and inhibits CYR61-induced anchorage-independent growth and invasion in several cancer types, such as breast cancer, malignant glioma and metastatic melanoma. It possibly acts by interfering with AP-1 binding to CYR61 promoter.

Synonyms:

B-ATF-2; MGC20410

Product images:

Lane 1: 40 ug
Mouse Macrophages day 0 (untreated)
Lane 2: 40 ug
Mouse Macrophages day 2 (untreated)
Lane 3: 40 ug
Mouse Macrophages (LPS and IFN gamma)
Primary antibody dilution:
1:200
Secondary antibody used :
goat anti-rabbit IgG, HRP conjugate
Secondary antibody dilution:
1:15000
Submitted by:
Marie Gehman, University of Kentucky