

BATF2 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51736**Specification****BATF2 Antibody - Product Information**

| | |
|-------------------|------------------------|
| Application | WB, E |
| Primary Accession | Q8N1L9 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 29 KDa |

BATF2 Antibody - Additional Information**Gene ID 116071****Other Names**

Basic leucine zipper transcriptional factor ATF-like 2, B-ATF-2, Suppressor of AP-1 regulated by IFN, SARI, BATF2

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BATF2. The exact sequence is proprietary.

Dilution

WB~~1:1000

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

BATF2 Antibody - Protein Information**Name BATF2****Function**

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

CCN1 promoter.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978}.

BATF2 Antibody - 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](#)

BATF2 Antibody - Images**BATF2 Antibody - Background**

AP-1 family transcription factor that controls the differentiation of lineage-specific cells in the immune system. Following infection, participates in the differentiation of CD8(+) thymic conventional dendritic cells in the immune system. 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). 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. Possibly acts by interfering with AP-1 binding to CYR61 promoter.

BATF2 Antibody - References

Su Z.Z.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:20906-20911(2008).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Dash R.,et al.Oncogene 29:4412-4423(2010).
Ma H.,et al.Int. J. Cancer 128:771-777(2011).