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# BATF Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a partial recombinant BATF.
Catalog # AT1273a

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q16520 |
| **Other Accession** | NM_006399 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | mouse |
| **Clonality** | monoclonal |
| **Isotype** | IgG1 Kappa |
| **Clone Names** | 1G4 |
| **Calculated MW** | 14120 |

## Additional Information

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|---|---|
| **Gene ID** | 10538 |
| **Other Names** | Basic leucine zipper transcriptional factor ATF-like, B-cell-activating transcription factor, B-ATF, SF-HT-activated gene 2 protein, SFA-2, BATF |
| **Target/Specificity** | BATF (NP_006390, 34 a.a. ~ 125 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Dilution** | WB~~1:500~1000 E~~N/A |
| **Format** | Clear, colorless solution in phosphate buffered saline, pH 7.2 . |
| **Storage** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Precautions** | BATF Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Background

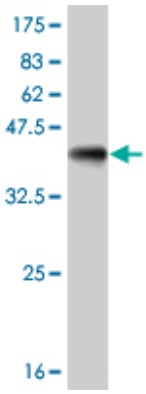
The protein encoded by this gene is a nuclear basic leucine zipper protein that belongs to the AP-1/ATF superfamily of transcription factors. The leucine zipper of this protein mediates dimerization with members of the Jun family of proteins. This protein is thought to be a negative regulator of AP-1/ATF transcriptional events.

## References

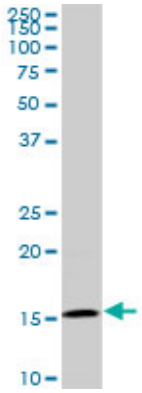
1.A Differentiation Checkpoint Limits Hematopoietic Stem Cell Self-Renewal in Response to DNA Damage.Wang J, Sun Q, Morita Y, Jiang H, GroB A, Lechel A, Hildner K, Guachalla LM, Gompf A, Hartmann D,

Schambach A, Wuestefeld T, Dauch D, Schrezenmeier H, Hofmann WK, Nakauchi H, Ju Z, Kestler HA, Zender L, Rudolph KL.Cell. 2012 Mar 2;148(5):1001-1014. Epub 2012 Mar 1.

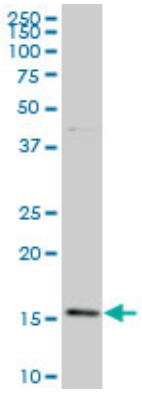
## Images



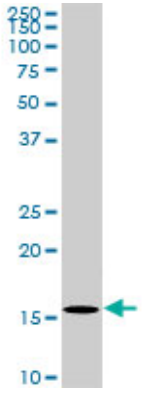

Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.86 KDa) .




BATF monoclonal antibody (M03), clone 1G4. Western Blot analysis of BATF expression in PC-12 ( (Cat # AT1273a )

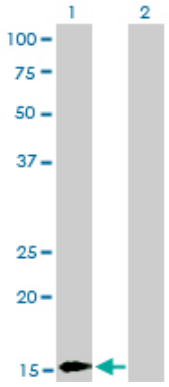



BATF monoclonal antibody (M03), clone 1G4 Western Blot analysis of BATF expression in Hela S3 NE ( (Cat # AT1273a )



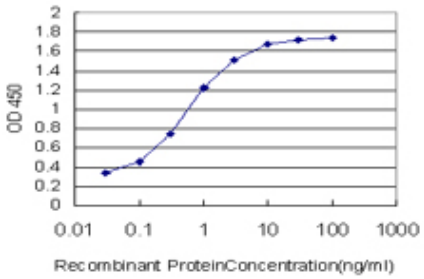

BATF monoclonal antibody (M03), clone 1G4. Western Blot analysis of BATF expression in Raw 264.7 ( (Cat # AT1273a )

Western Blot analysis of BATF expression in transfected 293T cell line by BATF monoclonal antibody (M03), clone




1G4.

Lane 1: BATF transfected lysate(14.1 KDa).
Lane 2: Non-transfected lysate.




Detection limit for recombinant GST tagged BATF is approximately 0.03ng/ml as a capture antibody.

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