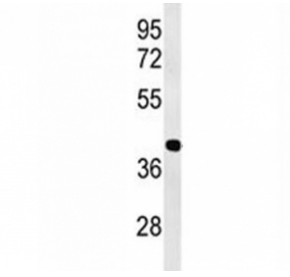
ATF1 Antibody (F48899)

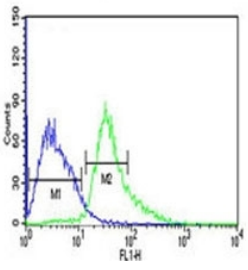
Catalog No.	Formulation	Size
F48899-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F48899-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P18846
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This ATF1 antibody is available for research use only.



Western blot analysis of ATF1 antibody and human Jurkat lysate. Routinely observed molecular weight: 29-35 kDa.



ATF1 antibody flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

ATF1 binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. ATF1 binds to the Tax-responsive element (TRE) of HTLV-I. ATF1 mediates PKA-induced stimulation of CRE-reporter genes.

For additional information on ATF1 biology, CREB family signaling and transcriptional regulation, visit our ATF1 Antibody / CREB Family Transcription Factor Antibody page.

Application Notes

Titration of the ATF1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 193-219 from the human protein was used as the immunogen for this ATF1 antibody.

Storage

Aliquot the ATF1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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