

Rabbit ATF1 Polyclonal Antibody | anti-ATF1 antibody

ATF1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287785	Rabbit	Human (Predicted Reactivity: Bovine)	Flow Cytometry, Functional Assay, ELISA, Western Blot

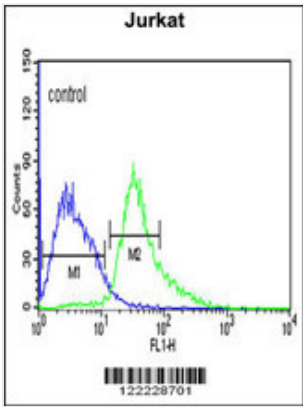
PRODUCT SYNONYMS

ATF1; Polyclonal Antibody; ATF1 Antibody (C-term); Cyclic AMP-dependent transcription factor ATF-1; cAMP-dependent transcription factor ATF-1; Activating transcription factor 1; Protein TREB36; anti-ATF1 antibody

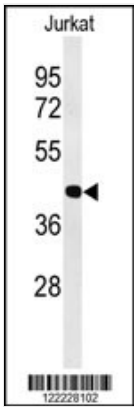
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ATF1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 193-219 amino acids from the C-terminal region of human ATF1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	193-219
Sequence Length	136
Applicable Applications for anti-ATF1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
ATF1 Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of ATF1 Antibody (C-term) in Jurkat cell line lysates (35ug/lane). ATF1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ATF1 antibody	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.
References	Wang, W.L., et al. Mod. Pathol. 22(9):1201-1209(2009) Vega, A., et al. Gynecol. Oncol. 112(1):210-214(2009) Zheng, D., et al. Cancer Res. 68(18):7650-7660(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885073
NCBI GeneID	466
NCBI Accession #	NP_005162.1
NCBI GenBank Nucleotide #	NM_005171.4
UniProt Accession #	P18846; P25168; Q9H4A8; B4DRF9; AAB25878
Molecular Weight	29233
NCBI Official Full Name	cyclic AMP-dependent transcription factor ATF-1
NCBI Official Synonym Full Names	activating transcription factor 1
NCBI Official Symbol	ATF1
NCBI Official Synonym Symbols	TREB36; EWS-ATF1; FUS/ATF-1
NCBI Protein Information	cyclic AMP-dependent transcription factor ATF-1
UniProt Protein Name	Cyclic AMP-dependent transcription factor ATF-1
UniProt Gene Name	ATF1
UniProt Synonym Gene Names	cAMP-dependent transcription factor ATF-1
UniProt Entry Name	ATF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

