

Rabbit ATF1 Polyclonal Antibody | anti-ATF1 antibody

ATF1 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197152	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

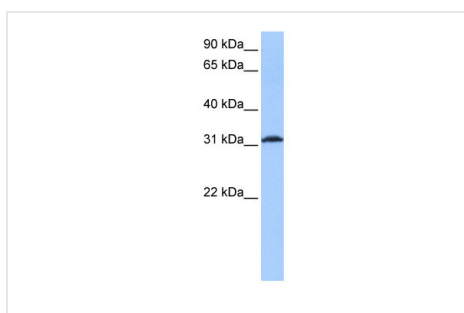
PRODUCT SYNONYMS

ATF1; Polyclonal Antibody; ATF1 antibody - middle region; anti-ATF1 antibody

PRODUCT SPECIFICATIONS

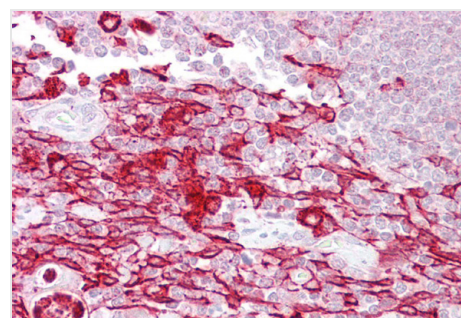
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: YQ IRTTPSATSL PQTVMTSPV TLTSQTTKD DPQLKREIRL MKNREAAR
Sequence Length	271
Applicable Applications for anti-ATF1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 93%; Rabbit: 100%; Rat: 100%; Zebrafish: 82%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human ATF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ATF1 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: 721_B cell lysate
ATF1 is supported by BioGPS gene expression data to be expressed in 721_B



IHC (Immunohistochemistry)

Immunohistochemistry with Thymus tissue at an antibody concentration of 5ug/ml using anti-ATF1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ATF1 antibody	This is a rabbit polyclonal antibody against ATF1. It was validated on Western Blot using a cell lysate as a positive control. Target 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.
Product Categories/Family for anti-ATF1 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Transcription Regulation ; Immunohistochemistry ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885073
NCBI GeneID	466
NCBI Accession #	NP_005162
NCBI GenBank Nucleotide #	NM_005171
UniProt Accession #	P18846
Molecular Weight	29kDa
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atf1-antibody-western-blot-immunohistochemistry-elisa/197152>