

Rabbit Cyclic AMP-dependent transcription factor ATF-1 Polyclonal Antibody | anti-ATF1 antibody

Anti-ATF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46080	Rabbit	Human, Rat. No cross reactivity with other proteins.	Immunohistochemistry, Western Blot

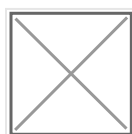
PRODUCT SYNONYMS

Cyclic AMP-dependent transcription factor ATF-1; Polyclonal Antibody; Anti-ATF1 Antibody; Activating transcription factor 1 antibody; ATF 1 antibody; atf1 antibody; ATF1 EWS fusion gene antibody; ATF1 FUS fusion gene antibody; ATF1_HUMAN antibody; cAMP dependent transcription factor 1 antibody; cAMP-dependent transcription factor ATF-1 antibody; Cyclic AMP dependent transcription factor ATF 1 antibody; Cyclic AMP dependent transcription factor ATF1 antibody; Cyclic AMP-dependent transcription factor ATF-1 antibody; EWS AFT1 antibody; FUS ATF 1 antibody; FUS/ATF 1 antibody; Protein TREB36 antibody; RNA binding protein activating transcription factor 1 fusion protein antibody; TREB 36 antibody; TREB36 antibody; TREB36 protein antibody; activating transcription factor 1; anti-ATF1 antibody

PRODUCT SPECIFICATIONS

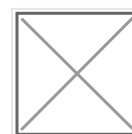
Host	Rabbit
Reactivity	Human, Rat. No cross reactivity with other proteins.
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	271
Applicable Applications for anti-ATF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	E.coli-derived human ATF1 recombinant protein (Position: M1-V271). Human ATF1 shares 91% amino acid (aa) sequence identity with mouse ATF1.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-ATF1 Picoband antibody, AAA46080-3.JPGIHC(P): Human Intestinal Cancer Tissue



Application Data

Anti-ATF1 Picoband antibody, AAA46080-2.jpgAll lanes: Anti ATF1 (AAA46080) at 0.5ug/mlLane 1: Rat Spleen Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: COLO320 Whole Cell Lysate at 40ugPredicted bind size: 29KDObserved bind size: 29KD



Application Data

Anti-ATF1 Picoband antibody, AAA46080-1.jpgAll lanes: Anti ATF1 (AAA46080) at 0.5ug/mlWB: Recombinant Human ATF1 Protein 0.5ngPredicted bind size: 36KDObserved bind size: 36KD

ADDITIONAL INFORMATION

Related Product Information for anti-ATF1 antibody	Description: Rabbit IgG polyclonal antibody for Cyclic AMP-dependent transcription factor ATF-1(ATF1) detection. Tested with WB, IHC-P in Human;Rat. Background: ATF1, also known as activating transcription factor 1, is a protein that in humans is encoded by the ATF1 gene. It is mapped to 12q13.12. This gene encodes an activating transcription factor, which belongs to the ATF subfamily and bZIP (basic-region leucine zipper) family. It influences cellular physiologic processes by regulating the expression of downstream target genes, which are related to growth, survival, and other cellular activities. This protein is phosphorylated at serine 63 in its kinase-inducible domain by serine/threonine kinases, cAMP-dependent protein kinase A, calmodulin-dependent protein kinase I/II, mitogen- and stress-activated protein kinase and cyclin-dependent kinase 3 (cdk-3). Its phosphorylation enhances its transactivation and transcriptional activities, and enhances cell transformation.
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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	15,295 Da
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; cAMP-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/cyclic-amp-dependent-transcription-factor-atf-1-antibody-immunohistochemistry-western-blot-elisa/46080>