

Product Name: ATF-5 (Acetyl Lys29) Rabbit Polyclonal Antibody**Catalog #: APRab06174**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Acetylated
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:10000-1:20000
Molecular Weight	30kDa

Antigen Information

Gene Name	ATF5
Alternative Names	ATF5; ATFX; Cyclic AMP-dependent transcription factor ATF-5; cAMP-dependent transcription factor ATF-5; Activating transcription factor 5; Transcription factor ATFx
Gene ID	22809.0
SwissProt ID	Q9Y2D1
Immunogen	The antiserum was produced against synthesized Acetyl-peptide derived from human ATF5 around the Acetylation site of Lys29. AA range:1-50

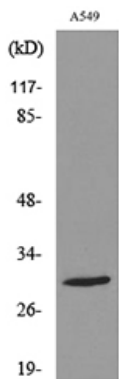
Background

function:Transcriptional activator which binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters and blocks the differentiation of neuroprogenitor cells into neurons. Its transcriptional activity is enhanced by CCND3 and slightly inhibited by CDK4.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Binds DNA as a dimer. Interacts with PTP4A1/PRL-1 (By similarity). Interacts with CCND3, but not with CCND1 or CCND2.,function:Transcriptional activator which binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters and blocks the differentiation of neuroprogenitor cells into neurons. Its transcriptional activity is enhanced by CCND3 and slightly inhibited by CDK4.,similarity:Belongs to the bZIP family.,similarity:Contains 1 bZIP domain.,subunit:Binds DNA as a dimer. Interacts with PTP4A1/PRL-1 (By similarity). Interacts with CCND3, but not with CCND1 or CCND2.,

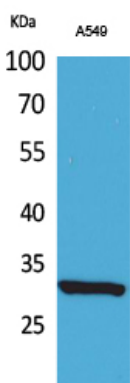
Research Area

Epigenetics and Nuclear Signaling

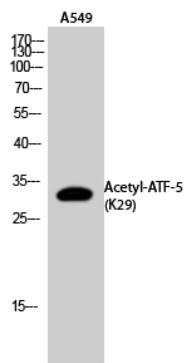
Image Data



Western blot analysis of lysate from A549 cells, using ATF5 (Acetyl-Lys29) Antibody.



Western Blot analysis of A549 cells using Acetyl-ATF-5 (K29) Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Western Blot analysis of A549 cells using Acetyl-ATF-5 (K29) Polyclonal Antibody.
Secondary antibody was diluted at 1:20000