



# ATF-5 (Acetyl Lys29) rabbit pAb

Cat No.:ES1099

For research use only

## Overview

<b>Product Name</b>	ATF-5 (Acetyl Lys29) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Rat
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized Acetyl-peptide derived from human ATF5 around the Acetylation site of Lys29. AA range:1-50
<b>Specificity</b>	Acetyl-ATF-5 (K29) Polyclonal Antibody detects endogenous levels of ATF-5 protein only when acetylated at K29.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Cyclic AMP-dependent transcription factor ATF-5
<b>Gene Name</b>	ATF5
<b>Cellular localization</b>	Cytoplasm . Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Actively transported to the centrosome and accumulated in the pericentriolar material (PCM) during G1 to M phase via a microtubule-dependent mechanism. During late
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	30kD
<b>Human Gene ID</b>	22809
<b>Human Swiss-Prot Number</b>	Q9Y2D1
<b>Alternative Names</b>	ATF5; ATF5X; Cyclic AMP-dependent transcription factor ATF-5; cAMP-dependent transcription factor

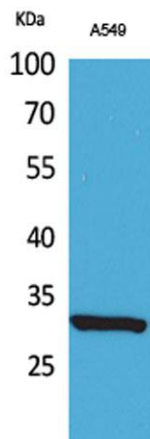




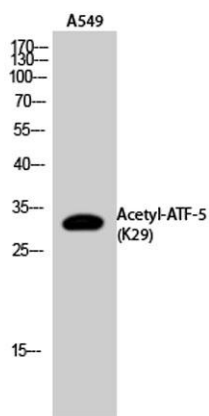
## Background

ATF-5; Activating transcription factor 5; Transcription factor ATFx

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.,



Western Blot analysis of A549 cells using Acetyl-ATF-5 (K29) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

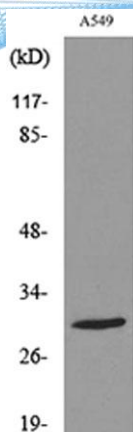


Western Blot analysis of A549 cells using Acetyl-ATF-5 (K29) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000





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



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