

**ATF-5 (Acetyl Lys29) Polyclonal Antibody**

<b>Catalog No :</b>	YK0024
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	ATF5
<b>Gene Name :</b>	ATF5
<b>Protein Name :</b>	Cyclic AMP-dependent transcription factor ATF-5
<b>Human Gene Id :</b>	22809
<b>Human Swiss Prot No :</b>	Q9Y2D1
<b>Mouse Gene Id :</b>	107503
<b>Mouse Swiss Prot No :</b>	O70191
<b>Rat Gene Id :</b>	282840
<b>Rat Swiss Prot No :</b>	Q6P788
<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>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

**Concentration :** 1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 30kD

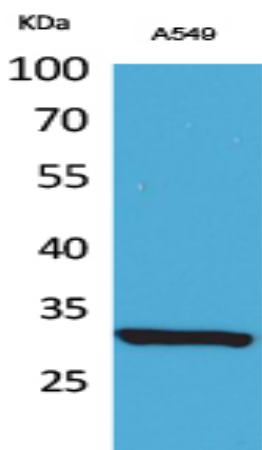
**Background :** function:Transcriptional activator which binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters and blocks the differentiation of neuroprogenitor cells into neurons. Its transcriptional activity is enhanced by 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.,

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**Subcellular Location :** 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 telophase and cytokinesis, translocates from the centrosome to the midbody. .

**Expression :** Widely expressed with higher expression levels in liver.

## Products Images



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