

## Acetyl Kine Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP14070
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Acetyl Kine
Mol wt	N/A
Species reactivity	Species independent
Clonality	Polyclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	N/A

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

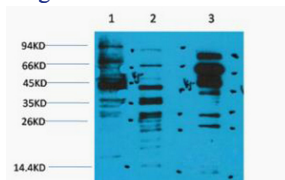
Acetylation of lysine| like phosphorylation of serine| threonine or tyrosine| is an important reversible modification controlling protein activity. The conserved amino-terminal domains of the four core histones (H2A| H2B| H3| and H4) contain lysines that are acetylated by histone acetyltransferases (HATs) and deacetylated by histone deacetylases (HDACs) .Signaling resulting in acetylation/deacetylation of histones| transcription factors| and other proteins affects a diverse array of cellular processes including chromatin structure and gene activity| cell growth| differentiation| and apoptosis.Recent proteomic surveys suggest that acetylation of lysine residues may be a widespread and important form of posttranslational protein modification that affects thousands of proteins involved in control of cell cycle and metabolism| longevity| actin polymerization| and nuclear transport.The regulation of protein acetylation status is impaired in cancer and polyglutamine diseases| and HDACs have become promising targets for anti-cancer drugs currently in development.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of 1) HeLa, 2) 3T3, 3) Rat Brain, diluted at 1:2000. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year