



Acetyl Lys proteins Polyclonal Antibody

| Catalog No BYab-00847 Isotype IgG Reactivity Human;Mouse;Rat;Monkey,plant Applications WB;IHC;IF;ELISA Gene Name Protein Name Immunogen Synthesized acetyl-peptide derived from human acetylation Lys proteins. Specificity Acetyl-Lys proteins Polyclonal Antibody detects endogenous levels of acetylated Lys proteins. Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Cell Pathway Tissue Specificity Tissue Specificity Function 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 acetyltransferase | | |
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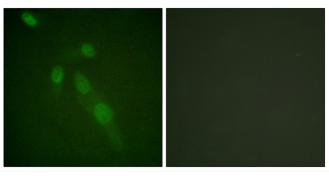
| | of lysine residues may be a widespread and important form of posttranslational protein modification that affects thousands of proteins involved in control of cell cycle and metabolism, longevity, actin polymerization, and nuclear transport. The regulation of protein acetylation status is impaired in cancer and polyglutamine diseases, and HDACs have become promising targets for anti-cancer drugs currently in development. |
|---------------------------|---|
| matters needing attention | Avoid repeated freezing and thawing! |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |
| | |

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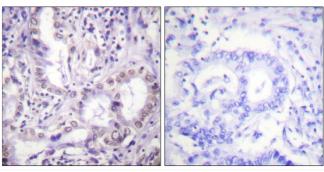




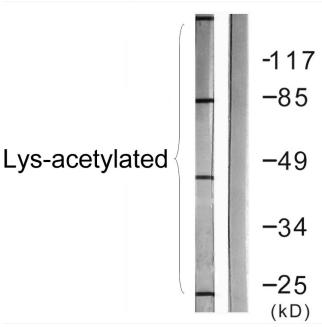
Products Images



Immunofluorescence analysis of HeLa cells, using Lys-Acetylated Proteins Antibody. The picture on the right is blocked with the synthesized peptide.



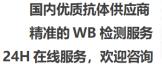
Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Lys-Acetylated Proteins Antibody. The picture on the right is blocked with the synthesized peptide.



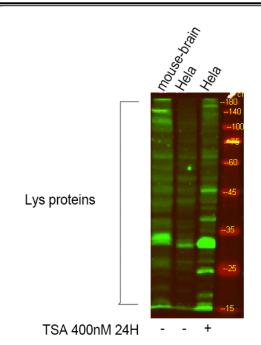
Western blot analysis of lysates from COS7 cells treated with TSA 400uM 24h, using Lys-Acetylated Proteins Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of lysates from 1) Hela,2)mouse brain, (Green) primary antibody was diluted at 1:1000, 4°over night, secondary antibody(cat:RS23920)was diluted at 1:10000, 37° 1hour.