



Acetyl Lys proteins Monoclonal Antibody

Catalog No	BYmab-00847			
Isotype	IgG			
Reactivity	Human;Mouse;Rat;Monkey,plant			
Applications	WB			
Gene Name				
Protein Name				
Immunogen	Synthesized acetyl-peptide derived from human acetylation Lys proteins.			
Specificity	Acetyl-Lys proteins Monoclonal Antibody detects endogenous levels of acetylated Lys proteins.			
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.			
Source	Monoclonal, Mouse,IgG			
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.			
Dilution	WB 1:500-2000			
Concentration	1 mg/ml			
Purity	≥90%			
Storage Stability	-20°C/1 year			
Synonyms				
Observed Band	20	40	80	175kD
Cell Pathway				
Tissue Specificity				
Function				
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			

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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

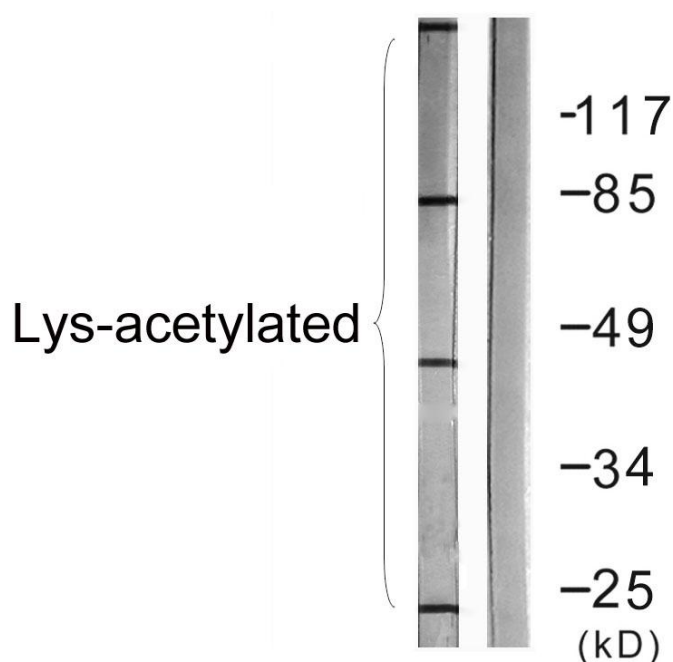
Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using Acetyl Lys proteins Monoclonal Antibody



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