Acetylated Lysine polyclonal antibody

Acetylation and methylation of lysine are important post-translational modifications that regulate numerous protein-protein and protein-DNA interactions. Lysine acetylation and methylation involves the transfer of acetylCoA, or one or more methyl groups, to the e-amino group of lysine by modifying enzymes and cofactors. Histones and transcription factors are the primary targets of lysine acetylation and methylation, with either modification capable of inducing gene silencing or expression due to differential regulation of cofactors. For example, varying degrees of mono-, di-, and tri-methylation or acetylation of histone H3 at lysine residue 9 are known to demark distinct chromatin regions during various states of gene activation (methylation) or repression (acetylation).

This antibody is covered by our Worry-Free Guarantee.

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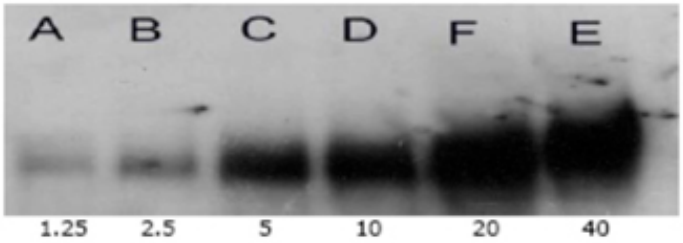
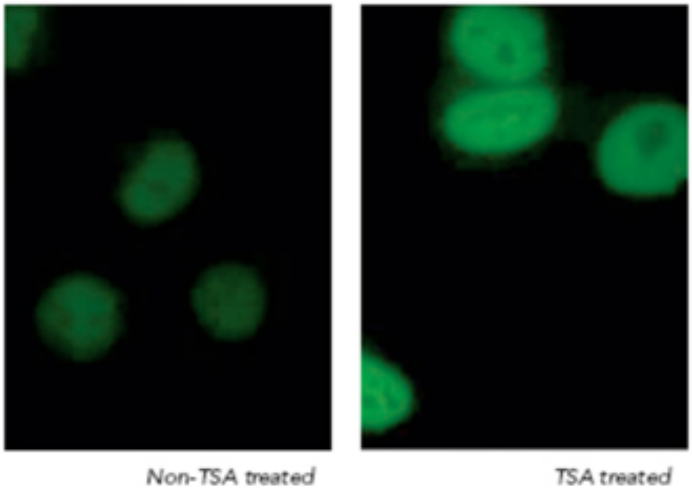
ADI-KAP-TF120-E	100µg

Manuals, SDS & CofA View Online »



Immunoprecipitation analysis of acetylated BSA with Acetylated Lysine (RS1) pAb in ng.



Immunofluorescent analysis of TSA treated (right – 100ng/ml, 24 hours) and non-treated (left) human MMRU melanoma cells using Acetylated Lysine (RS2) pAb.

Handling & Storage

Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	AcK
Application	ELISA, IF, IP, WB
Formulation	Liquid. In PBS, 50% glycerol.
Host	Rabbit
Immunogen	Acetylated KLH.
Purity Detail	Protein A affinity purified.
Recommendation Dilutions/Conditions	ELISA (1:1,000)Immunofluorescence (1:50)Immunoprecipitation (1:25)Western Blot (1:250)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Species independent
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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