

Acetyl Lysine polyclonal antibody

Catalog: BS31091

Host: Rabbit

Reactivity: N/A

BackGround:

Acetyl lysine is a post-translational modification (PTM) found on histone and non-histone proteins, where an acetyl group is covalently attached to the epsilon-amino group of lysine residues. This modification plays a central role in the regulation of chromatin structure, gene transcription, DNA repair, cell cycle progression and metabolism, and is dynamically controlled by histone acetyltransferases (HATs) and deacetylases (HDACs).

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

N/A (post-translational modification; target proteins vary)

Swiss-Prot:

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/1000 - 1/2000), IHC (1/200 - 1/500)

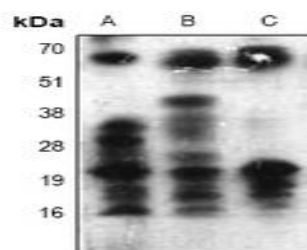
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

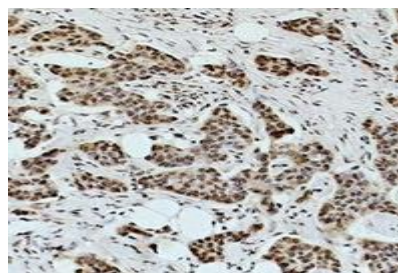
Specificity:

Recognizes endogenous levels of Acetyl Lysine protein.

DATA:



Western blot analysis of DDX5 expression in HeLa (A), H446 (B) whole cell lysates.



Immunofluorescent analysis of DDX5 staining in A431 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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