

Pan Lactic acid-Lysine polyclonal antibody

Catalog: BS66163

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Histone lysine lactation (Kla) is a newly discovered histone modification that regulates gene expression in macrophages. In M1 macrophages, lactic acid is derived from incompletely oxidized glucose and then produces lactyl-CoA, which is transferred via acetyltransferase p300 to the lysine tail of the histone. This modification is abundant in gene promoter regions that lack acetylation and are associated with gene expression activation.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 35-130 kDa

Swiss-Prot:

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:500 - 1:2000

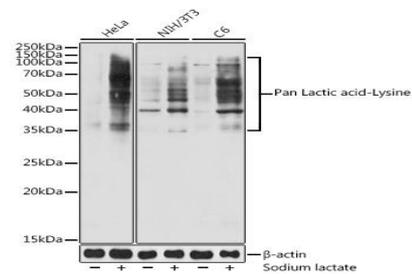
Storage&Stability:

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

Specificity:

Pan Lactic acid-Lysine polyclonal antibody detects endogenous levels of Pan Lactic acid-Lysine protein.

DATA:



Western blot analysis of extracts of various cell lines, using Pan Lactic acid-Lysine antibody at 1:1000 dilution.

Note:

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

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