

SIRT5 polyclonal antibody

Catalog: BS91247

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

SIRT5 is a human member of a family of proteins called Sirtuins (Sir2-like proteins) and are present in prokaryotes and eukaryotes. All Sir2-like proteins have a sirtuin core domain, which contains a series of sequence motifs conserved in organisms ranging from bacteria to humans. Bacterial, yeast and mammalian sirtuins are able to metabolize NAD and possibly act as mono-ADP-ribosyltransferases. The enzymatic function of sirtuins is not yet completely understood but recent reports of histone-activated Sir2-mediated NAD metabolism and NAD-activated Sir2-mediated histone deacetylation suggest a possible coupled reciprocal activation mechanism involving interactions of Sir2 with NAD and the N epsilon-acetyl-lysine groups of acetylated histones.

Product:

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

Molecular Weight:

37/22 kDa

Swiss-Prot:

Q9NXA8(Human) Q8K2C6(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

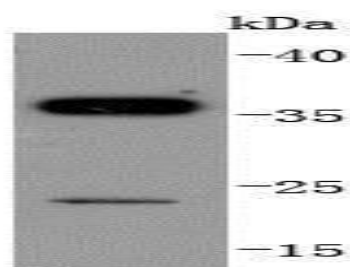
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

SIRT5 polyclonal antibody detects endogenous levels of SIRT5 protein.

DATA:



Western blot analysis of SIRT5 on Jurkat cells lysates using anti-SIRT5 antibody at 1/1,000 dilution.

Note:

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

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