

SIRT1 polyclonal antibody

Catalog: BS91243

Host: Rabbit

Reactivity: Human, mouse

BackGround:

Sirt1, the mammalian ortholog of Sir2, is a nuclear protein implicated in the regulation of many cellular processes, including apoptosis, cellular senescence, endocrine signaling, glucose homeostasis, aging, and longevity. Targets of SirT1 include acetylated p53, p300, Ku70, forkhead (FoxO) transcription factors, PPAR γ , and the PPAR γ coactivator-1 α (PGC-1 α) protein. Deacetylation of p53 and FoxO transcription factors represses apoptosis and increases cell survival. SirT1 deacetylase activity is inhibited by nicotinamide and activated by resveratrol.

Product:

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

Molecular Weight:

110 kDa

Swiss-Prot:

Q96EB6

Purification&Purity:

Peptide affinity purified

Applications:

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

IHC:1:200

FC:1:100-1:200

Storage&Stability:

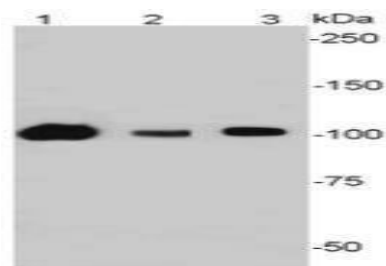
Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

Specificity:

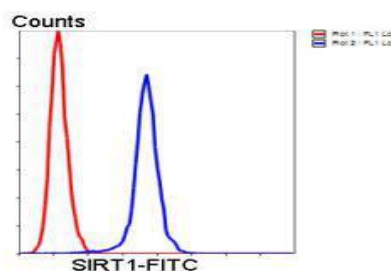
SIRT1 polyclonal antibody detects endogenous levels of

SIRT1 protein.

DATA:



Western blot analysis of SIRT1 on different cell lysates using anti-SIRT1 antibody at 1/1000 dilution. Positive control: Lane 1: HeLa Lane2: F9 Lane3: Jurkat



Flow cytometric analysis of HeLa cells with SIRT1 antibody at 1/100 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.

Note:

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

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