

SIRT2 polyclonal antibody

Catalog: AP0019

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

SIRT2 is a member of the sirtuin family of proteins. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. SIRT2 interacts with HDAC6, suggesting that these proteins belong to a large complex that deacetylate the cytoskeleton. SIRT2 is a NAD-dependent deacetylase, which deacetylates the 'Lys-40' of alpha-tubulin. Involved in the control of mitotic exit in the cell cycle, probably via its role in the regulation of cytoskeleton. Despite some ability to deacetylate histones in vitro, it is unlikely in vivo.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 43 kDa

Swiss-Prot:

Q8IXJ6

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: 1:500~1:1000

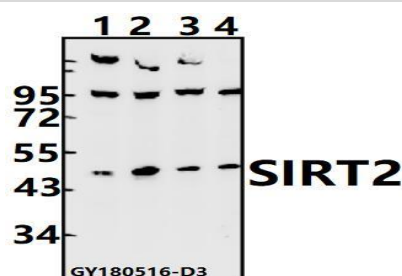
Storage&Stability:

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

Specificity:

SIRT2 polyclonal antibody detects endogenous levels of SIRT2 protein.

DATA:



Western blot (WB) analysis of SIRT2 pAb at 1:500 dilution

Lane1:U-87MG whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:AML-12 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Note:

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

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