SIRT2 (D353) polyclonal antibody

Catalog: BCP01518 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:

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

Molecular Weight:

~ 39, 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℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

SIRT2 (D353) polyclonal antibody detects endogenous levels of SIRT2 protein.

DATA:

Western blot (WB) analysis of SIRT2 (D353) pAb at 1:2000 dilution

Lane1:MG63 whole cell lysate(40ug)

Lane2:L02 whole cell lysate(40ug)

Lane3:The Muscle tissue lysate of Mouse(30ug)

Lane4:The Heart tissue lysate of Rat(10ug)

Note:

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

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