

SIRT7 Polyclonal Antibody

CATALOG NO: 3099-30T 30 µg (Trial size)
3099-100 100 µg

IMMUNOGEN: Synthetic peptide surrounding amino acid 400 of rat SIRT7

INTERNAL ID: BV-J83

HOST: Rabbit

SPECIES REACTIVITY: Human, Mouse, Rat

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-SIRT7 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

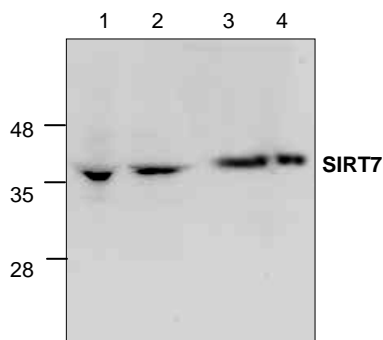
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

SIRT7 is a member of the sirtuin family of proteins (Sir2-like proteins). All Sir2-like proteins are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins are not fully understood yet. Recent studies suggested that bacterial, yeast and mammalian sirtuins are able to metabolize NAD and may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity.

APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (1-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3099BP-50) is available separately.



Cat. #: 3099-100SIRT7 Antibody.
Western blot analysis of SIRT7 using Jurkat cell lysate (Lane 1 & 2), mouse 3T3 cell lysate (Lane 3) and rat kidney tissue lysate (Lane 4).

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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