

**bs-4174R****[ Primary Antibody ]****SIRT6 Rabbit pAb**

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**— DATASHEET —**

|   |                      |  |
|---|----------------------|--|
| <b>Host:</b> Rabbit   | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>ELISA</b> (1:5000-10000) |
| <b>Clonality:</b> Polyclonal  |                      |  |
| <b>GeneID:</b> 51548  | <b>SWISS:</b> Q8N6T7 | <b>Reactivity:</b> Human (predicted: Mouse, Rat)                           |
| <b>Target:</b> SIRT6  |                      |  |
| <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human SIRT6: 121-220/355.   |                      |  |
| <b>Purification:</b> affinity purified by Protein A   |                      | <b>Predicted MW.:</b> 39 kDa   |
| <b>Concentration:</b> 1mg/ml  |                      | <b>Subcellular Location:</b> Nucleus                                       |
| <b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.  |                      |  |
| <b>Background:</b> This gene encodes a member of the sirtuin family of NAD-dependent enzymes that are implicated in cellular stress resistance, genomic stability, aging and energy homeostasis. The encoded protein is localized to the nucleus, exhibits ADP-ribosyl transferase and histone deacetylase activities, and plays a role in DNA repair, maintenance of telomeric chromatin, inflammation, lipid and glucose metabolism. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016] |                      |  |

**— SELECTED CITATIONS —**

- **[IF=5.4]** Tao Wang. et al. Overexpression of SIRT6 regulates NRF2/HO-1 and NF-κB signaling pathways to alleviate UVA-induced photoaging in skin fibroblasts. J PHOTOCH PHOTOBIO B. 2023 Oct;;112801 WB,IF ;Mouse,Human. 37897855
- **[IF=4.8]** Bo-Feng Qin. et al. Specnuezhenide ameliorates hepatic fibrosis via regulating SIRT6-Mediated inflammatory signaling cascades. J ETHNOPHARMACOL. 2024 Dec;335:118646 WB,IF ;Mouse,Rat. 39097210