bs-7537R

[Primary Antibody]

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SIRT4 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 23409 SWISS: Q9Y6E7

Target: SIRT4

Immunogen: KLH conjugated synthetic peptide derived from human SIRT4/SIR 2

like protein 4: 51-150/314.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

Background: NAD-dependent protein ADP-ribosyl transferase. Catalyzes the

transfer of ADP-ribosyl groups onto target proteins, including mitochondrial GLUD1. Inhibits GLUD1 enzyme activity. Downregulates insulin secretion. Has no detectable protein deacetylase

activity.

Applications: WB (1:500-2000)

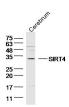
Reactivity: Mouse (predicted: Human,

Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Horse, Fruit

Predicted MW.: 32 kDa

Subcellular Cytoplasm

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-SIRT4 (bs-7537R) at 1/300 dilution Secondary: IRDve800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD

— SELECTED CITATIONS –

- [IF=10.787] Chih-Chang Chao. et al. SRT1720 as an SIRT1 activator for alleviating paraquat-induced models of Parkinson's disease. REDOX BIOL. 2022 Dec;58:102534 WB; Human. 36379180
- [IF=6.317] Ai-Wen Kang, et al. Puerarin extends the lifespan of Drosophila melanogaster by activating autophagy. FOOD FUNCT. 2023 Feb;: WB; Drosophila melanogaster. 36752212
- [IF=1.11] Takumida, Masaya, Hiroshi Takumida, and Matti Anniko. "Localization of sirtuins in the mouse inner ear." Acta Oto-Laryngologica 0 (2014): 1-8. IHC; Mouse. 24460154
- [IF=1.1] Takumida, Masaya, et al. "Localization of sirtuins (SIRT1-7) in the aged mouse inner ear." Acta otolaryngologica (2015): 1-12. Other; 26472659