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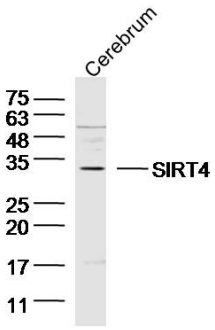
SIRT4 Rabbit pAb

Catalog Number:	bs-7537R
Target Protein:	SIRT4
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000)
Reactivity:	Mouse (predicted:Human, Rat, Rabbit, Pig, Sheep, Cow, Zebrafish, Horse, Fruit Fly)
Predicted MW:	32 kDa
Entrez Gene:	23409
Swiss Prot:	Q9Y6E7
Source:	KLH conjugated synthetic peptide derived from human SIRT4/SIR 2 like protein 4: 51-150/314.
Purification:	affinity purified by Protein A
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. Down-regulates insulin secretion. Has no detectable protein deacetylase activity.

VALIDATION IMAGES



Sample: Cerebrum (Mouse) Lysate at 40 ug Primary: Anti-SIRT4 (bs-7537R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 32 kD Observed band size: 32 kD

PRODUCT SPECIFIC PUBLICATIONS

[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 oto-laryngologica (2015): 1-12. Other ; ="" . 26472659