

bs-24319R**[Primary Antibody]****SIRT2 Rabbit pAb****BioSS**
ANTIBODIES

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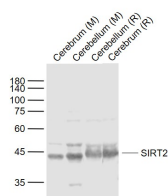
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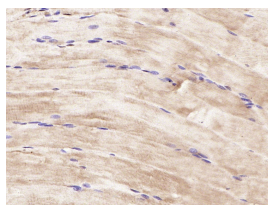
400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 22933 Target: SIRT2 Immunogen: KLH conjugated synthetic peptide derived from human SIRT2: 261-360/389. 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: This gene encodes a member of the sirtuin family of proteins, homologs to the yeast Sir2 protein. Members of the sirtuin family are characterized by a sirtuin core domain and grouped into four classes. The functions of human sirtuins have not yet been determined; however, yeast sirtuin proteins are known to regulate epigenetic gene silencing and suppress recombination of rDNA. Studies suggest that the human sirtuins may function as intracellular regulatory proteins with mono-ADP-ribosyltransferase activity. The protein encoded by this gene is included in class I of the sirtuin family. Several transcript variants are resulted from alternative splicing of this gene. [provided by RefSeq, Jul 2010]	Isotype: IgG SWISS: Q8IXJ6	Applications: WB (1:500-2000) IHC-P (1:400-800) IHC-F (1:400-800) IF (1:100-500)
		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse)
		Predicted MW.: 26 kDa
		Subcellular Location: Cytoplasm

— VALIDATION IMAGES —

Sample: Lane 1: Cerebrum (Mouse) Lysate at 40 ug
Lane 2: Cerebellum (Mouse) Lysate at 40 ug
Lane 3: Cerebrum (Rat) Lysate at 40 ug
Lane 4: Cerebellum (Rat) Lysate at 40 ug
Primary: Anti-SIRT2 (bs-24319R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 43/37 kD
Observed band size: 43 kD



Paraformaldehyde-fixed, paraffin embedded (rat skeletal muscle); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SIRT2) Polyclonal Antibody, Unconjugated (bs-24319R) at 1:2000 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.