
SIRT2 Recombinant Rabbit mAb

Catalog Number: bsm-52221R

Target Protein: SIRT2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 4G12

Isotype: IgG

Applications: WB (1:200-1000), IHC-P (1:50-200), IHC-F (1:50-200), ICC (1:50-200), IF (1:50-200)

Reactivity: Human,Rat (predicted:Mouse)

Predicted MW: 36 kDa

Entrez Gene: 22933

Swiss Prot: Q8IXJ6

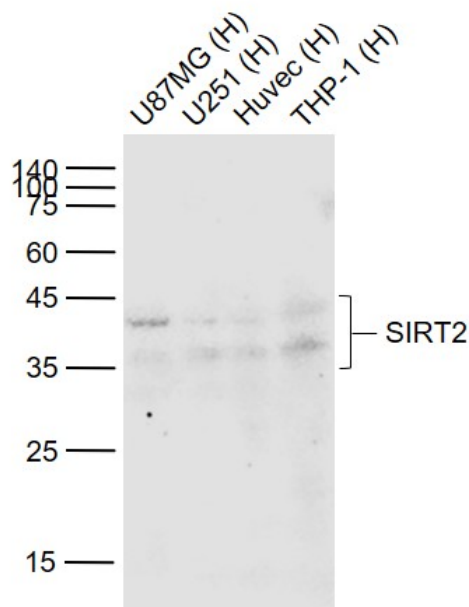
Purification: affinity purified by Protein A

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: 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]

VALIDATION IMAGES



Sample:

Lane 1: U87MG (Human) Cell Lysate at 30 ug

Lane 2: U251 (Human) Cell Lysate at 30 ug

Lane 3: Huvec (Human) Cell Lysate at 30 ug

Lane 4: THP-1 (Human) Cell Lysate at 30 ug

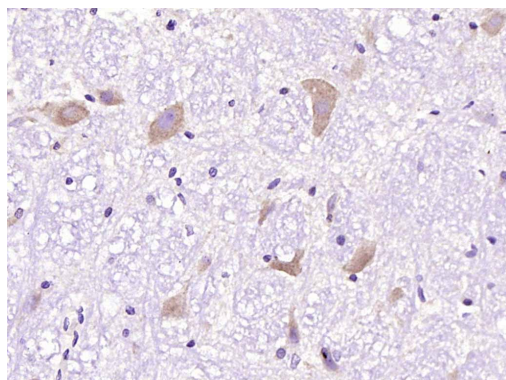
Primary:

Anti- SIRT2 (bsm-52221R) at 1/1000 dilution

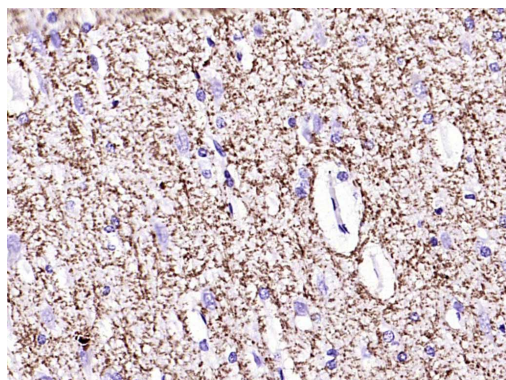
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 43/37 kD

Observed band size: 43/37 kD



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum);
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) Monoclonal Antibody, Unconjugated (bsm-52221R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human brain);
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) Monoclonal Antibody, Unconjugated (bsm-52221R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.