bs-5634R

[Primary Antibody]

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phospho-SIRT6 (Ser338) Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 51548 SWISS: Q8N6T7

Target: SIRT6 (Ser338)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human

SIRT6 around the phosphorylation site of Ser338: PT(p-S)PA.

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 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]

Applications: IHC-P (1:100-500)

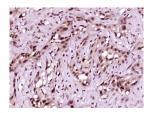
IHC-F (1:100-500) **IF** (1:100-500) ICC/IF (1:100-500)

Reactivity: Human

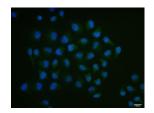
Predicted 39 kDa

Subcellular Nucleus Location:

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human ovary); 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 (SIRT6(Ser338)) Polyclonal Antibody, Unconjugated (bs-5634R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min: Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (phospho-SIRT6 (Ser338)) polyclonal Antibody, Unconjugated (bs-5634R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.