

bs-5634R**[Primary Antibody]****phospho-SIRT6 (Ser338) Rabbit pAb****BioSS**
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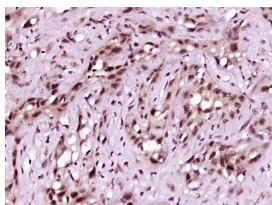
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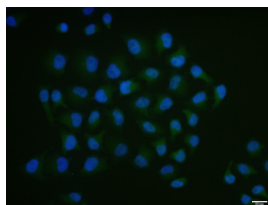
400-901-9800

— DATASHEET —

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100) |
| Clonality: Polyclonal | | |
| GeneID: 51548 | SWISS: Q8N6T7 | |
| Target: phospho-SIRT6 (Ser338) | | Reactivity: Human |
| 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 | | Predicted MW.: 39 kDa |
| 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. | | Subcellular Location: Nucleus |
| 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] | | |

— 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.