

bs-2536R**[Primary Antibody]**

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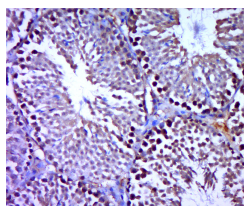
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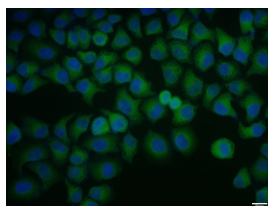
400-901-9800

SREBP2 Rabbit pAb**DATASHEET**

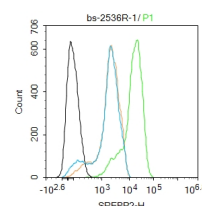
Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (1ug/test) ICC/IF (1:100) Reactivity: Human, Mouse (predicted: Rat, Pig, Horse) Predicted MW.: 126 kDa Subcellular Location: Cytoplasm ,Nucleus
Clonality: Polyclonal		
GeneID: 6721	SWISS: Q12772	
Target: SREBP2		
Immunogen: KLH conjugated synthetic peptide derived from human SREBP-2: 951-1141/1141.		
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 a ubiquitously expressed transcription factor that controls cholesterol homeostasis by regulating transcription of sterol-regulated genes. The encoded protein contains a basic helix-loop-helix-leucine zipper (bHLH-Zip) domain and binds the sterol regulatory element 1 motif. Alternate splicing results in multiple transcript variants.		

VALIDATION IMAGES

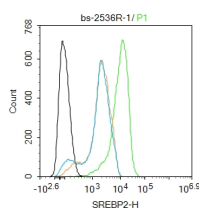
Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (SREBP2) Polyclonal Antibody, Unconjugated (bs-2536R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0024) for 20 minutes and DAB staining.



HepG2 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 (SREBP2) polyclonal Antibody, Unconjugated (bs-2536R) 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.



Blank control (black line) :HepG2. Primary Antibody (green line): Rabbit Anti-SREBP2 antibody (bs-2536R) Dilution:1ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Blank control (black line) :HepG2. Primary Antibody (green line): Rabbit Anti-SREBP2 antibody (bs-2536R) Dilution:1ug/Test;

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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Isotype control (orange line) : Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature.
Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=4]** Sun Ruiyue. et al. Fermented Natto powder alleviates obesity by regulating LXR pathway and gut microbiota in obesity rats. J APPL MICROBIOL. 2024 Jan;; WB ;Rat. 38192042
- **[IF=1.954]** Jiang H et al.Strontium Alleviates Endoplasmic Reticulum Stress in a Nonalcoholic Fatty Liver Disease Model.(2018)J Med Food. Nov 17. IHC ;Rat. 30457429