

bs-9001R**[Primary Antibody]****SARM1 Rabbit pAb****Bioss**
ANTIBODIES

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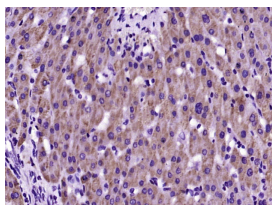
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 23098 Target: SARM1 Immunogen: KLH conjugated synthetic peptide derived from human SARM1: 321-420/724. 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: SARM, also known as SAMD2, SARM1 or KIAA0524, is a 724 amino acid protein that localizes to the cytoplasm and contains one TIR domain and two sterile alpha motif (SAM) domains. Expressed predominately in liver and kidney and present at lower levels in placenta, SARM interacts with TICAM-1 and, via this interaction, blocks the transcriptional activation activity of TICAM-1 and functions as a negative regulator of Toll-like receptor signaling. Additionally, SARM is thought to be involved in innate immune responses and may also play a role in the negative regulation of NF x B activation. SARM exists as two alternatively spliced isoforms that are encoded by a gene which maps to human chromosome 17.	Isotype: IgG SWISS: Q6SZW1	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:50-200) Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, Horse) Predicted MW.: 80 kDa Subcellular Location: Cytoplasm
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Human liver 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 (SARM1) Polyclonal Antibody, Unconjugated (bs-9001R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=14.6]** Xuewen Yang. et al. Palmitoylated SARM1 targeting P4HA1 promotes collagen deposition and myocardial fibrosis: A new target for anti-myocardial fibrosis. ACTA PHARM SIN B. 2025 Jul;: IF ;Mouse. 10.1016/j.apsb.2025.07.011
- **[IF=2.992]** Cuiqin Zhang. et al. Atg7 Knockout Alleviated the Axonal Injury of Neuro-2a Cells Induced by Tri-Ortho-Cresyl Phosphate. 2021 Mar 01 WB ;Mouse. 33650059

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