

## Anti-SARM1 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to SARM1
<b>Model</b>	STJ192592
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human SARM1 protein.
<b>Immunogen Region</b>	281-330aa
<b>Gene ID</b>	<a href="#">23098</a>
<b>Gene Symbol</b>	<a href="#">SARM1</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	SARM1 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Predominantly expressed in brain, kidney and liver. Expressed at lower level in placenta.
<b>Purification</b>	SARM1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Sterile alpha and TIR motif-containing protein 1 Sterile alpha and Armadillo repeat protein Sterile alpha motif domain-containing protein 2 MyD88-5 SAM domain-containing protein 2 Tir-1 homolog
<b>Molecular Weight</b>	79 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:17074OMIM:607732</a>
<b>Alternative Names</b>	Sterile alpha and TIR motif-containing protein 1 Sterile alpha and Armadillo repeat protein Sterile alpha motif domain-containing protein 2 MyD88-5 SAM domain-containing protein 2 Tir-1 homolog
<b>Function</b>	Negative regulator of MYD88- and TRIF-dependent toll-like receptor signaling pathway which plays a pivotal role in activating axonal degeneration following injury. Promotes Wallerian degeneration an injury-induced axonal death pathway which involves degeneration of an axon distal to the injury site. Can activate neuronal death in response to stress. Regulates dendritic arborization through the MAPK4-JNK pathway. Involved in innate immune response. Inhibits both TICAM1/TRIF- and MYD88-dependent activation of JUN/AP-1, TRIF-dependent activation of NF-kappa-B and IRF3, and the phosphorylation of MAPK14/p38.
<b>Cellular Localization</b>	Cytoplasm. Cell projection, axon Cell projection, dendrite Cell junction, synapse Mitochondrion. Associated with microtubules.

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