

Anti-SARM1 antibody



Description	Unconjugated Rabbit polyclonal to SARM1
Model	STJ192592
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human SARM1 protein.
Immunogen Region	281-330aa
Gene ID	23098
Gene Symbol	SARM1
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SARM1 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Predominantly expressed in brain, kidney and liver. Expressed at lower level in placenta.
Purification	SARM1 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	79 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:17074OMIM:607732
Alternative Names	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
Function	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.
Cellular Localization	Cytoplasm. Cell projection, axon Cell projection, dendrite Cell junction, synapse Mitochondrion. Associated with microtubules.

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com