

Rabbit anti-Human SARM1 Polyclonal Antibody | anti-SARM1 antibody

SARM1 Polyclonal Antibody

CATALOG # AAA179301	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
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PRODUCT SYNONYMS

SARM1; Polyclonal Antibody; SARM1 Polyclonal Antibody; SARM; HsTIR; SAMD2; hSARM1; MyD88-5; anti-SARM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SARM1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide of human SARM1
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of SH-SY5Y cells usingug SARM1 Polyclonal Antibody. Western blot was performed from the immunoprecipitate using SARM1 Polyclonal Antibody at a dilution of 1:1000.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using SARM1 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SARM1 antibody

NAD(+) hydrolase, which plays a key role in axonal degeneration following injury by regulating NAD(+) metabolism. Acts as a negative regulator of MYD88- and TRIF-dependent toll-like receptor signaling pathway by promoting Wallerian degeneration, an injury-induced form of programmed subcellular death which involves degeneration of an axon distal to the injury site. Wallerian degeneration is triggered by NAD(+) depletion: in response to injury, SARM1 is activated and catalyzes cleavage of NAD(+) into ADP-D-ribose (ADPR, cyclic ADPR (cADPR and nicotinamide; NAD(+) cleavage promoting cytoskeletal degradation and axon destruction. Also able to hydrolyze NADP(+, but not other NAD(+)-related molecules. Can activate neuronal cell death in response to stress. Regulates dendritic arborization through the MAPK4-JNK pathway (By similarity. 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.

Product Categories/Family for anti-SARM1 antibody

Antibodies; Primary Antibodies; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	154090976
NCBI GeneID	23098
NCBI Accession #	NP_055892
NCBI GenBank Nucleotide #	NM_015077.3
UniProt Accession #	Q6SZW1; O60277; Q7LGG3; Q9NXY5
Molecular Weight	75,337 Da
NCBI Official Full Name	sterile alpha and TIR motif-containing protein 1
NCBI Official Synonym Full Names	sterile alpha and TIR motif containing 1
NCBI Official Symbol	SARM1
NCBI Official Synonym Symbols	SARM; SAMD2; MyD88-5
NCBI Protein Information	sterile alpha and TIR motif-containing protein 1; tir-1 homolog; SAM domain-containing protein 2; sterile alpha and Armadillo repeat protein; sterile alpha motif domain-containing protein 2; sterile alpha and HEAT/Armadillo motif protein, ortholog of Dros
UniProt Protein Name	Sterile alpha and TIR motif-containing protein 1
UniProt Gene Name	SARM1
UniProt Synonym Gene Names	KIAA0524; SAMD2; SARM; MyD88-5; SAM domain-containing protein 2
UniProt Entry Name	SARM1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sarm1-antibody-immunoprecipitation-western-blot-elisa/179301>