

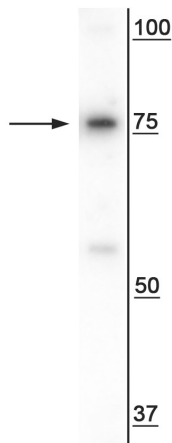
Product Datasheet

Anti-SARM1

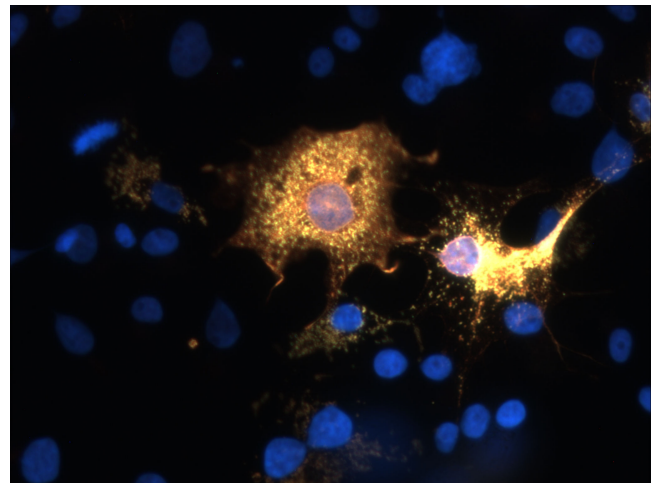
Overview

Catalog #	1901-SARM1
Host Species	Rabbit Polyclonal
Format	Antigen Affinity Purified
Applications	WB 1:1000 ICC 1:50
Species Tested	Human, Mouse, Rat
Immunogen	Full length recombinant human SARM1 protein.
Molecular Weight	79 kDa
Cite this Antibody	PhosphoSolutions Cat# 1901-SARM1, RRID: AB_2922825

Images



Western blot of HeLa cell lysate showing specific immunolabeling of the ~79 kDa SARM1 protein.



Immunofluorescence of transfected COS-7 cells specifically labeling the positive SARM1 cells using our anti-SARM1 antibody (1:50, red) and anti-FLAG antibody (green). The yellow color results from the overlap of cells labeled with both antibodies. DNA is labeled with DAPI (blue).

Details

Target Description	NAD(+) hydrolase sterile alpha and TIR motif-containing protein 1 (SARM1), is the fifth member of the Toll/IL-1 Receptor (TIR) domain protein family. The highly conserved 724 amino acid protein is predominantly expressed in the brain, kidney and liver (Mink, M., et al 2001). Furthermore, SARM1 is enriched in the cytoplasm, mitochondria, and the axons, dendrites, and synapses of neurons (Panneerselvam, P., et al, 2012). SARM1 plays a key role in axonal degeneration by catalyzing the cleavage of NAD ⁺ into ADPR, cADPR, and nicotinamide in response to injury triggering Wallerian degeneration (Gerdt, J. et al 2015). SARM1 has also been shown to activate neuronal cell death in response to stress (Peng, J. et al. 2010).
Specificity	Specific for endogenous levels of the ~79 kDa SARM1 protein.
Production/Purification	Prepared from pooled rabbit serum by affinity purification using a column to which the recombinant protein antigen was coupled.
Quality Control	Western blots performed on each lot.
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 µg per ml BSA and 50% glycerol.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol.
Stability	After date of receipt, stable for at least 1 year at -20°C.

Our Guarantee

As an original manufacturer, we are dedicated to creating quality and reproducible antibodies that further your research. We provide personalized customer support from the scientists that made the antibody and offer a free replacement or 100% refund if we cannot resolve an issue. Order today and experience **Antibodies that Work™**.

Note: For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, viewable on our website.