

For Research Use Only

# SARM1 Polyclonal antibody

Catalog Number: 28625-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 28625-1-AP	<b>GenBank Accession Number:</b> NM_015077	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23098	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IF/ICC 1:200-1:800
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q6SZW1	
<b>Isotype:</b> IgG	<b>Full Name:</b> sterile alpha and TIR motif containing 1	
<b>Immunogen Catalog Number:</b> AG29531	<b>Calculated MW:</b> 79 kDa	
	<b>Observed MW:</b> 70-80 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF	<b>WB:</b> Daudi cells, HEK-293 cells, Neuro-2a cells, Raji cells, human testis tissue, SH-SY5Y cells, mouse brain tissue, rat brain tissue
<b>Species Specificity:</b> Human, mouse, rat	<b>IF/ICC:</b> SH-SY5Y cells,
<b>Cited Species:</b> mouse	

## Background Information

SARM1 (sterile alpha and Toll/interleukin-1 receptor motif-containing 1) is also named as KIAA0524, SAMD2 and SARM. SARM1 is the major pro-degenerative protein in axons (PMID: 32152523). SARM1 is the central executioner of pathological axon degeneration and is an inducible NAD<sup>+</sup>-cleavage enzyme that is activated by the loss of the NAD<sup>+</sup> biosynthetic enzyme NMNAT2 (PMID: 33657413). SARM1 is 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 (PMID: 16964262).

## Notable Publications

Author	Pubmed ID	Journal	Application
Misaki Morishita	39349221	Neurosci Res	IF

## Storage

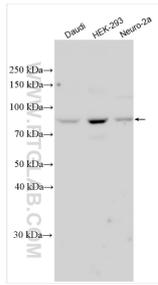
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

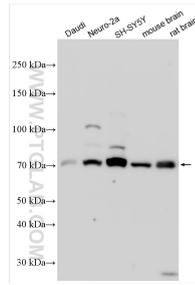
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

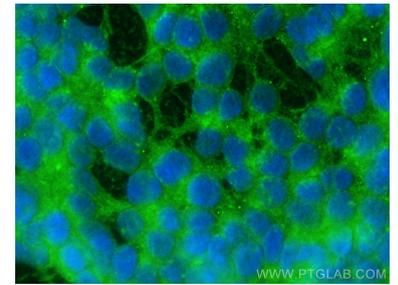
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 28625-1-AP (SARM1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 28625-1-AP (SARM1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using SARM1 antibody (28625-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).