

For Research Use Only

SARM1 Polyclonal antibody

Catalog Number: 28625-1-AP

1 Publications



Basic Information

Catalog Number:

28625-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29531

GenBank Accession Number:

NM_015077

GeneID (NCBI):

23098

UNIPROT ID:

Q6SZW1

Full Name:

sterile alpha and TIR motif containing 1

Calculated MW:

79 kDa

Observed MW:

70-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

IF

Species Specificity:

Human, mouse, rat

Cited Species:

mouse

Positive Controls:

WB : Daudi cells, HEK-293 cells, Neuro-2a cells, Raji cells, human testis tissue, SH-SY5Y cells, mouse brain tissue, rat brain tissue

IF/ICC : SH-SY5Y cells,

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⁺-cleavage enzyme that is activated by the loss of the NAD⁺ 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

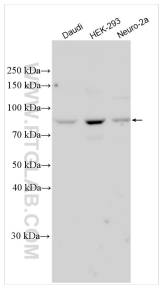
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

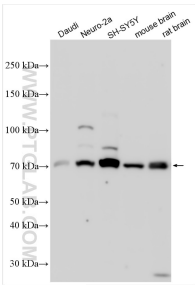
E: proteintech@ptglab.com
W: ptglab.com

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

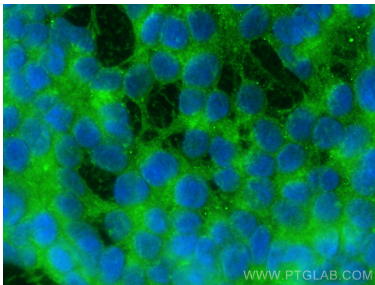
Selected Validation Data



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).