

For Research Use Only

SARM1 Polyclonal antibody

Catalog Number: 28625-1-AP



Basic Information

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

Applications

Tested Applications: WB, IF, ELISA	Positive Controls:
Species Specificity: Human, mouse, rat	WB : Daudi cells, HEK-293 cells, Neuro-2a cells, Raji cells, human testis tissue, SH-SY5Y cells, mouse brain tissue, rat brain tissue
	IF : 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).

Storage

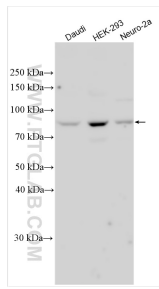
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

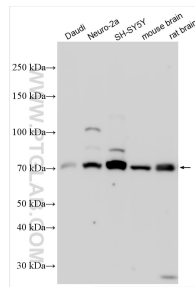
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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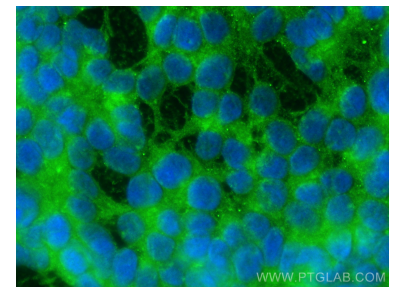
Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).