SARM1 antibody [HL1066]

Cat. No. GTX636097

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human, Mouse, Rat

References (5)
Package
100 µl, 25 µl

PRODUCT

Summary SARM1 antibody detects NAD(+) hydrolase SARM1, a key factor with a predicted molecular weight of ~79 kDa. SARM1 acts downstream of neuroinflammatory and necroptotic signaling to induce axon degeneration. SARM1 inhibition is being actively studied to prevent axonal degeneration associated with neurodegenerative disorders.

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Observed MW (kDa) 72 kDa.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human SARM1. The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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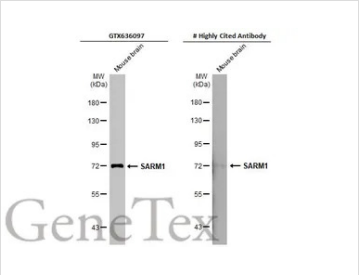
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Note

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Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

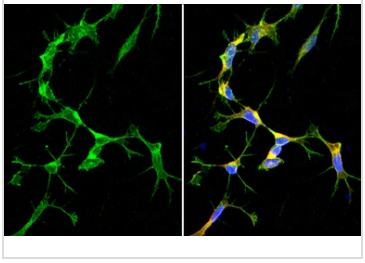
DATA IMAGES



GTX636097 WB Image

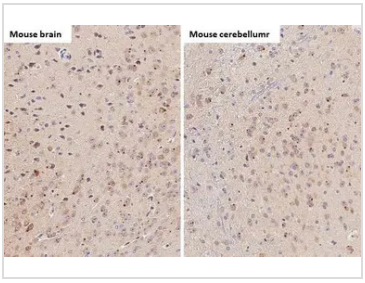
Mouse tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membranes were blotted with SARM1 antibody [HL1066] (GTX636097) diluted at 1:1000 and competitor's antibody (#Highly cited antibody) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

*The competitor is not affiliated with GeneTex and does not endorse this product.



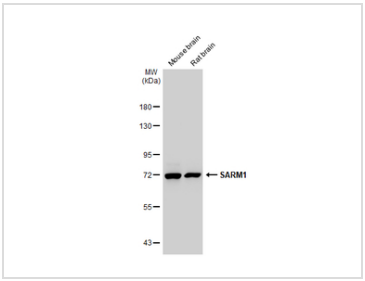
GTX636097 ICC/IF Image

SARM1 antibody [HL1066] detects SARM1 protein by immunofluorescent analysis.
Sample: SH-SY-5Y cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: SARM1 stained by SARM1 antibody [HL1066] (GTX636097) diluted at 1:500.
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody [GT114] (GTX628802) diluted at 1:1000.
Blue: Fluoroshield with DAPI (GTX30920).



GTX636097 IHC-P Image

SARM1 antibody [HL1066] detects SARM1 protein at cytoplasm and mitochondria by immunohistochemical analysis.
Sample: Paraffin-embedded mouse tissues.
SARM1 stained by SARM1 antibody [HL1066] (GTX636097) diluted at 1:100.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX636097 WB Image

Various tissue extracts (50 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SARM1 antibody [HL1066] (GTX636097) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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