

## SARM1 antibody [HL1066]

Cat. No. GTX636097

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

References ( 1 )

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 preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C 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

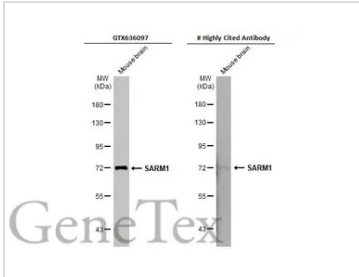


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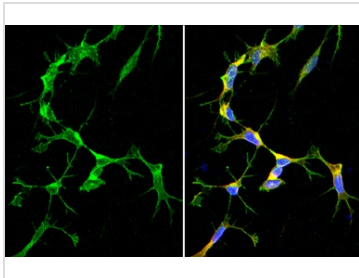
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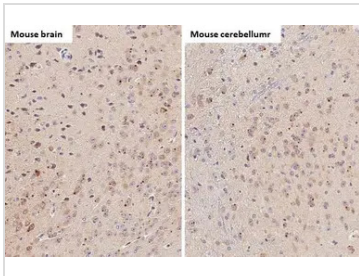
**DATA IMAGES**

**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.

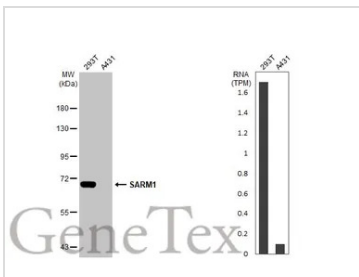
\*The competitor is not affiliated with GeneTex and does not endorse this product.


**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 whole cell extracts (30 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. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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