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Product datasheet for TA306162

SARM (SARM1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 0.5 - 2 ug/mL, ICC: 2 ug/mL, IF: 2 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	SARM antibody was raised against a peptide corresponding to amino acids near the C-terminus of human SARM.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Ion exchange chromatography purified
Conjugation:	Unconjugated
Storage:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	sterile alpha and TIR motif containing 1
Database Link:	NP_055892 Entrez Gene 237868 MouseEntrez Gene 23098 Human Q6SZW1
Background:	Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. SARM (SAM and ARM-containing protein), along with other molecules such as TIRP, TRIF, TIRAP, and MyD88, is thought to serve as an adaptor protein for the TLRs that allows for the activation of downstream kinases and NF-kappaB, and ultimately the expression of proteins involved in host defense. While SARM has not been conclusively shown to associate directly with TLRs, the presence of a Toll-interluekin-1 (TIR) domain in SARM is consistent with a role as a signaling molecule.

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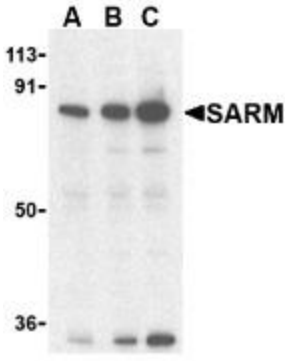
Synonyms: MyD88-5; SAMD2; SARM

Protein Families: Druggable Genome

Product images:



Western blot analysis of SARM in Daudi cell lysates with SARM antibody at (A) 0.5, (B) 1, and (C) 2 ug/mL.

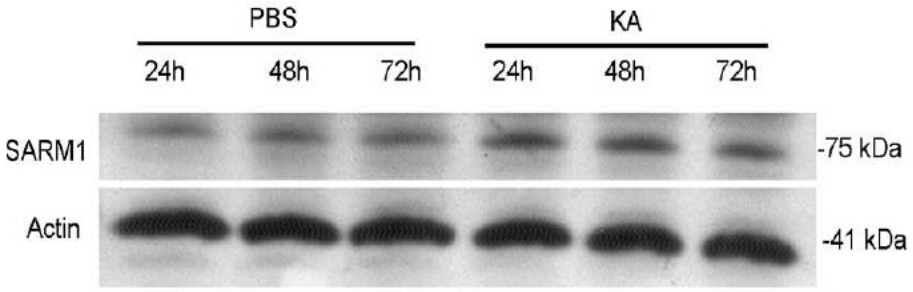


Figure from citation: Western Blot of SARM1 protein level by using anti-SARM1 antibody in retinal protein extracts of Thy1-YFP mice. View Citation

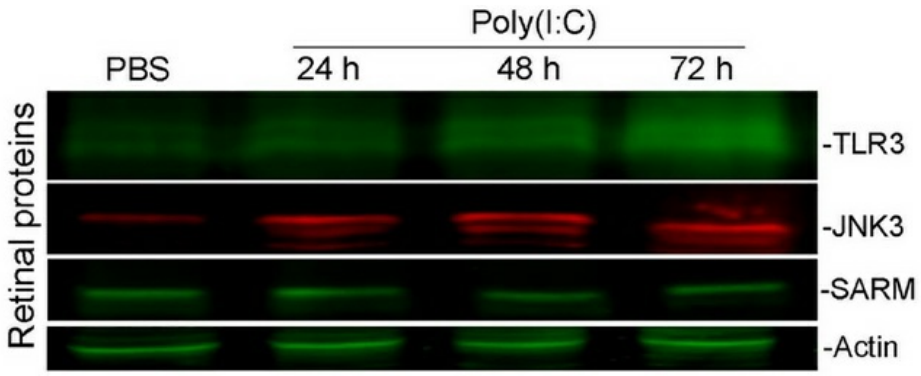


Figure from citation: Western blot analysis of SARM1 protein level by using anti-SARM1 antibody in aliquots containing an equal amount of retinal proteins (50 ug) from PBS- or Poly (I:C)-treated eyes. View Citation

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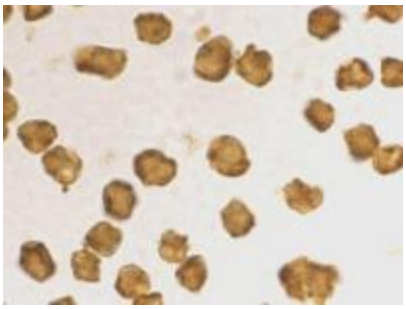
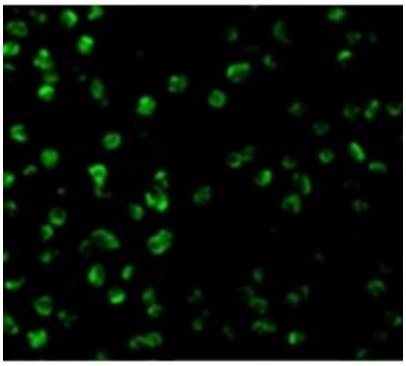


Immunocytochemistry staining of Daudi cells using SARM antibody at 2 ug/mL.



Immunofluorescence of SARM in Daudi cells with SARM antibody at 2 ug/mL.

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