

Datasheet for ABIN500660
anti-SARM1 antibody (C-Term)[Go to Product page](#)

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Overview

Quantity:	0.1 mg
Target:	SARM1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	SARM antibody was raised against a peptide corresponding to amino acids near the C-terminus of human SARM.
Isotype:	IgG
Specificity:	This antibody detects SARM1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse
Purification:	Ion exchange chromatography

Target Details

Target:	SARM1
Alternative Name:	SARM1 (SARM1 Products)
Background:	Toll-like receptors (TLRs) are signaling molecules that recognize different microbial products

Target Details

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-interleukin-1 (TIR) domain in SARM is consistent with a role as a signaling molecule. Synonyms: KIAA0524, SAM domain-containing protein 2, SAMD2, SARM, Sterile alpha and Armadillo repeat protein, Sterile alpha and TIR motif-containing protein 1, Sterile alpha motif domain-containing protein 2

Gene ID: 23098

NCBI Accession: [NP_055892](#)

UniProt: [Q6SZW1](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: ELISA. Western blot: 0.5 to 2 µg/mL. Immunofluorescence.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

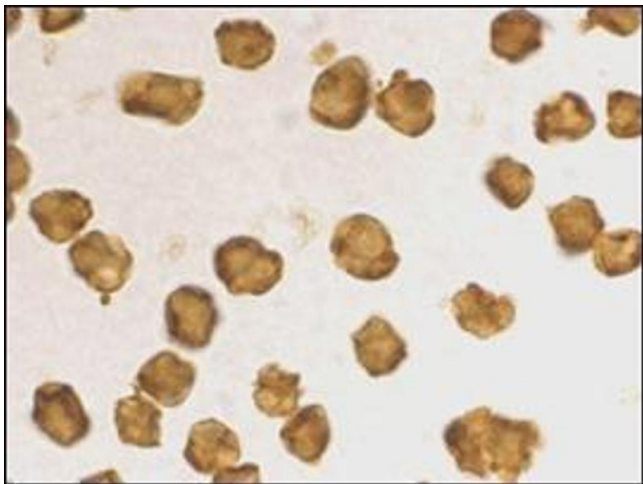
Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.

Publications

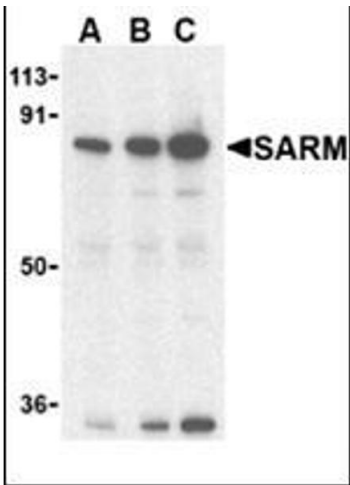
Product cited in: Scheving, Zhang, Garcia, Wang, Stevenson, Threadgill, Russell: "Epidermal growth factor

receptor plays a role in the regulation of liver and plasma lipid levels in adult male mice." in:
American journal of physiology. Gastrointestinal and liver physiology, Vol. 306, Issue 5, pp.
G370-81, (2014) ([PubMed](#)).



Immunofluorescence

Image 1. Immunocytochemistry staining of Daudi cells using AP30753PU-N at 2 µg/ml.



Western Blotting

Image 2. Western blot analysis of SARM in Daudi cell lysates with this product at (A) 0.5, (B) 1, and (C) 2 µg/ml.