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# Datasheet for ABIN3031816 anti-MAVS antibody (AA 477-505)

2 Images



### Overview

Quantity:	0.4 mL
Target:	MAVS
Binding Specificity:	AA 477-505
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAVS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

# Product Details

Immunogen:	A portion of amino acids 477-505 from the human protein was used as the immunogen for this
	MAVS antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

## Target Details

Target:	MAVS
Alternative Name:	MAVS (MAVS Products)
Background:	Double-stranded RNA viruses are recognized in a cell type-dependent manner by the transmembrane receptor TLR3 or by the cytoplasmic RNA helicases MDA5 and RIGI. These
	interactions initiate signaling pathways that differ in their initial steps but converge in the

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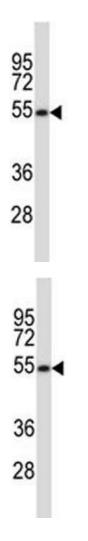
	activation of the protein kinases IKKA and IKKB which activate NFKB, or TBK1 and IKKE (IKBKE,
	MIM 605048), which activate IRF3. Activated IRF3 and NFKB induce transcription of IFNB. For
	the TLR3 pathway, the intermediary molecule before the pathways converge is the cytoplasmic
	protein TRIF. For RIGI, the intermediary protein is mitochondria-bound IPS1.
UniProt:	Q7Z434
Pathways:	Activation of Innate immune Response, Inositol Metabolic Process, Hepatitis C

# Application Details

Application Notes:	Titration of the MAVS antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % 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.
Storage:	-20 °C
Storage Comment:	Aliquot the MAVS antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



## Western Blotting

Image 1. MAVS antibody western blot analysis in HeLa lysate.

#### Western Blotting

Image 2. MAVS antibody western blot analysis in HeLa lysate.

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