

Datasheet for ABIN3031816
anti-MAVS antibody (AA 477-505)[Go to Product page](#)

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

Target Details

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.