

Datasheet for ABIN657705
anti-MAVS antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	400 µL
Target:	MAVS
Binding Specificity:	AA 477-505, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAVS antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MAVS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 477-505 amino acids from the C-terminal region of human MAVS.
Clone:	RB33921
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MAVS
Alternative Name:	MAVS (MAVS Products)
Background:	Double-stranded RNA viruses are recognized in a cell type-dependent manner by the

Target Details

transmembrane receptor TLR3 (MIM 603029) or by the cytoplasmic RNA helicases MDA5 (MIM 606951) and RIGI (ROBO3, MIM 608630). These interactions initiate signaling pathways that differ in their initial steps but converge in the activation of the protein kinases IKKA (CHUK, MIM 600664) and IKKB (IKBKB, MIM 603258), which activate NFkB (see MIM 164011), or TBK1 (MIM 604834) and IKKE (IKBKE, MIM 605048), which activate IRF3 (MIM 603734). Activated IRF3 and NFkB induce transcription of IFNB (IFNB1, MIM 147640). For the TLR3 pathway, the intermediary molecule before the pathways converge is the cytoplasmic protein TRIF (TICAM1, MIM 607601). For RIGI, the intermediary protein is mitochondria-bound IPS1 (Sen and Sarkar, 2005 [PubMed 16239922]).

Molecular Weight: 56528

Gene ID: 57506

NCBI Accession: [NP_001193420](#), [NP_065797](#)

UniProt: [Q7Z434](#)

Pathways: [Activation of Innate immune Response](#), [Inositol Metabolic Process](#), [Hepatitis C](#)

Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

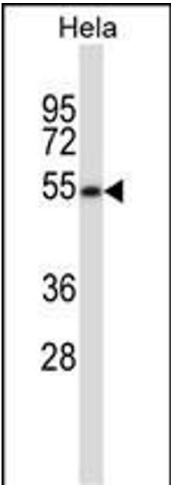
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: MAVS Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. VS Antibody (C-term) (ABIN657705 and ABIN2846696) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the VS antibody detected the VS protein (arrow).