

## anti- MAVS antibody

### Product Information

Catalog No.:	FNab10248
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Required for innate immune defense against viruses. Acts downstream of DDX58/RIG-I and IFIH1/MDA5, which detect intracellular dsRNA produced during viral replication, to coordinate pathways leading to the activation of NF-kappa-B, IRF3 and IRF7, and to the subsequent induction of antiviral cytokines such as IFN-beta and RANTES(CCL5). Peroxisomal and mitochondrial MAVS act sequentially to create an antiviral cellular state. Upon viral infection, peroxisomal MAVS induces the rapid interferon-independent expression of defense factors that provide short-term protection, whereas mitochondrial MAVS activates an interferon-dependent signaling pathway with delayed kinetics, which amplifies and stabilizes the antiviral response. May activate the same pathways following detection of extracellular dsRNA by TLR3. May protect cells from apoptosis. It can undergo phosphorylation on multiple sites and ubiquitination, which may together cause the molecular weight to migrate to about 70 kDa despite the predicted 57 kDa.

### Immunogen information

Immunogen:	mitochondrial antiviral signaling protein
Synonyms:	CARD adapter inducing interferon beta, Interferon beta promoter stimulator protein 1, Cardif, Putative NF-kappa-B-activating protein 031N, Virus-induced-signaling adapter

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Observed MW: 40kDa,56kDa,70kDa

Uniprot ID : Q7Z434

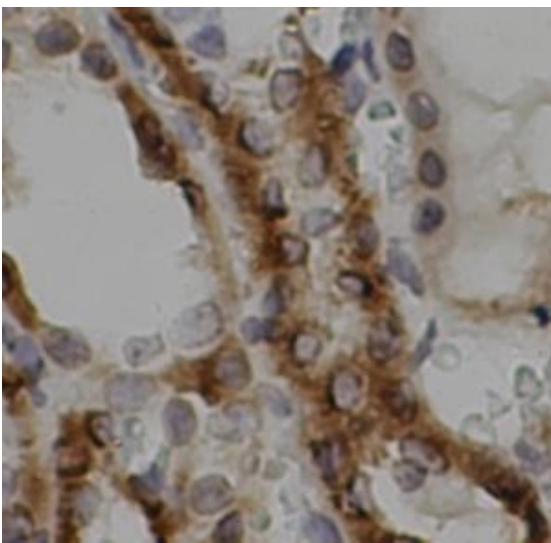
### Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IHC

Recommended dilution:WB: 1:500-1:2000;IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab10248(MAVS Antibody) at dilution of 1:100

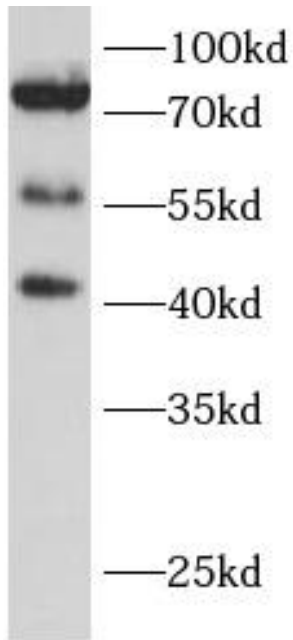
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rat kidney were subjected to SDS PAGE followed by western blot with FNab10248(MAVS antibody) at dilution of 1:1000