

## anti- MX1 antibody

### Product Information

Catalog No.:	CAF50431
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

Interferon-induced dynamin-like GTPase with antiviral activity against a wide range of RNA viruses and some DNA viruses. Its target viruses include negative-stranded RNA viruses and HBV through binding and inactivation of their ribonucleocapsid. May also antagonize reoviridae and asfarviridae replication. Inhibits thogoto virus(THOV) replication by preventing the nuclear import of viral nucleocapsids. Inhibits La Crosse virus(LACV) replication by sequestering viral nucleoprotein in perinuclear complexes, preventing genome amplification, budding, and egress. Inhibits influenza A virus(IAV) replication by decreasing or delaying NP synthesis and by blocking endocytic traffic of incoming virus particles. Enhances ER stress-mediated cell death after influenza virus infection. May regulate the calcium channel activity of TRPCs.

### Immunogen information

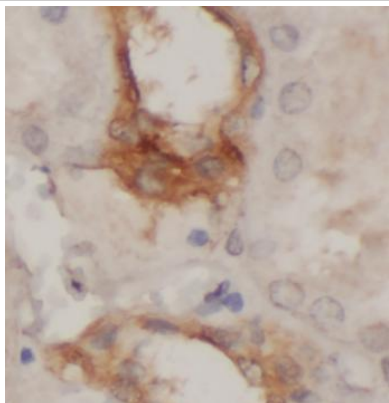
Immunogen:	Myxovirus resistance protein 1
Synonyms:	IFI 78K, IFI78, Interferon induced protein p78, MX, MX1, MxA, Myxovirus resistance protein 1
Observed MW:	76 kDa
Uniprot ID :	P20591

### Application

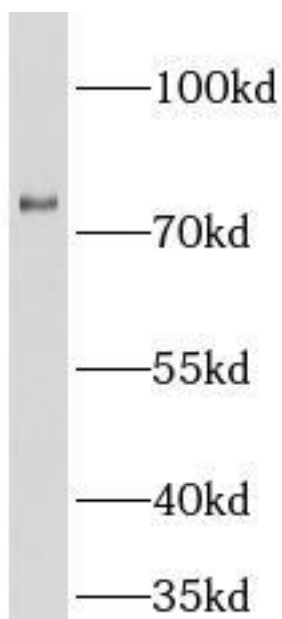
Reactivity:	Human, rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:500-1:2000; IHC: 1:20-1:200
Image:	

**This Antibody is for Research Use Only. Not for Diagnostic Procedures.**

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded rat kidney slide using CAF50431(MX1 Antibody) at dilution of 1:100



HeLa cells were subjected to SDS PAGE followed by western blot with CAF50431(MX1 antibody) at dilution of 1:1000