

Datasheet for ABIN7156641
anti-MX1 antibody (AA 7-172)

4 Images

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Overview

Quantity:	100 µg
Target:	MX1
Binding Specificity:	AA 7-172
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interferon-induced GTP-binding protein Mx1 protein (7-172AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	MX1
Alternative Name:	MX1 (MX1 Products)
Background:	Background: Interferon-induced dynamin-like GTPase with antiviral activity against a wide range

Target Details

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.

Aliases: Human interferon regulated resistance GTP binding protein MXA antibody, IFI 78 antibody, IFI 78K antibody, IFI-78K antibody, IFI78 antibody, IFI78K antibody, Interferon induced GTP binding protein Mx1 antibody, Interferon induced protein p78 antibody, Interferon inducible protein p78 antibody, Interferon regulated resistance GTP binding protein antibody, Interferon regulated resistance GTP binding protein MxA antibody, Interferon-induced GTP-binding protein Mx1 antibody, Interferon-induced protein p78 antibody, Interferon-regulated resistance GTP-binding protein MxA antibody, MX 1 antibody, MX antibody, MX dynamin-like GTPase 1 antibody, MX1 antibody, MX1_HUMAN antibody, MxA antibody, Myxoma resistance protein 1 antibody, Myxovirus (influenza virus) resistance 1 interferon inducible antibody, Myxovirus (influenza virus) resistance 1 interferon inducible protein p78 antibody, Myxovirus (influenza) resistance 1 homolog of murine antibody, Myxovirus resistance 1, mouse, homolog of antibody, Myxovirus resistance protein 1 antibody, N-terminally processed antibody

UniProt: [P20591](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200, IP:1:200-1:2000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be

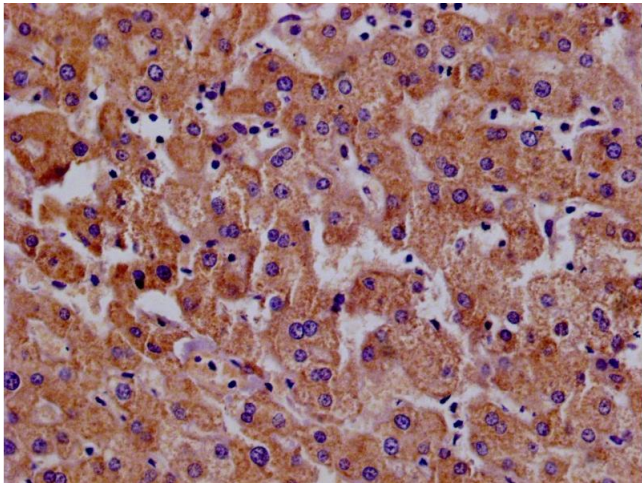
Handling

handled by trained staff only.

Storage: -20 °C,-80 °C

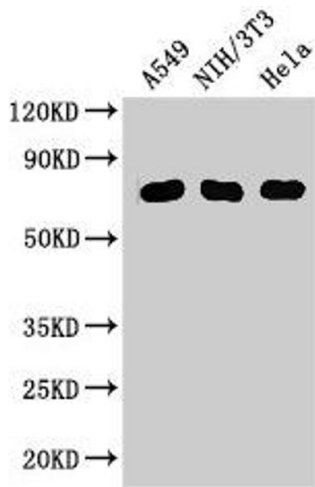
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



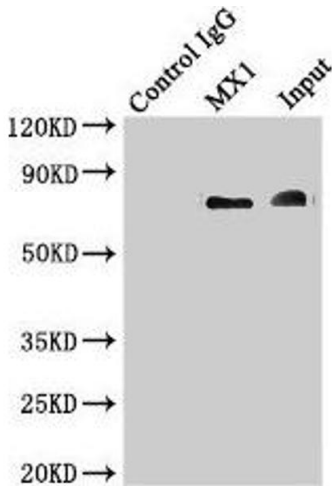
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7156641 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate, NIH/3T3 whole cell lysate, HeLa whole cell lysate
All lanes: MX1 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 76, 56 kDa Observed band size: 76 kDa



Western Blotting

Image 3. Immunoprecipitating MX1 in HeLa whole cell lysate
Lane 1: Rabbit control IgG instead of (1 µg) instead of ABIN7156641 in HeLa whole cell lysate. For western blotting, a HRP-conjugated light chain specific antibody was used as the Secondary antibody (1/50000) Lane 2: ABIN7156641 (4 µg) + HeLa whole cell lysate (500 µg) Lane 3: HeLa whole cell lysate (20 µg)

Images

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7156641.