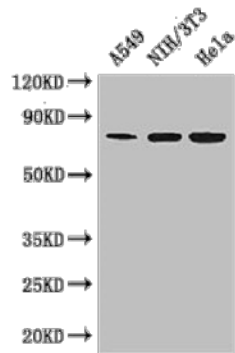


MX1 Antibody

Product Code:	CAC07777
Abbreviation:	Interferon-induced GTP-binding protein Mx1
Storage:	Upon receipt, store at -20° C or -80° C. Avoid repeated freeze.
Uniprot NO.:	P20591
Immunogen:	Recombinant Human Interferon-induced GTP-binding protein Mx1 protein (7-172AA)
Raised In:	Rabbit
Species Reactivity:	Human,Mouse
Tested Applications:	ELISA,WB,IHC,IF,IP;Recommended dilution:WB:1:1000-1:5000,IHC:1:20-1:200,IF:1:50-1:200,IP:1:200-1:2000
Relevance:	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.
Form:	Liquid
Conjugate:	Non-conjugated
Storage Buffer:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method:	>95%,Protein G purified
Isotype:	IgG
Clonality:	Polyclonal
Alias:	Interferon-induced GTP-binding protein Mx1,Interferon-induced protein p78,IFI-78K,Interferon-regulated resistance GTP-binding protein MxA,Myxoma resistance pr,MX1
Species:	Human



Western Blot

Positive WB detected in: A549 whole cell lysate, NIH/3T3 whole cell lysate, HeLa whole cell lysate

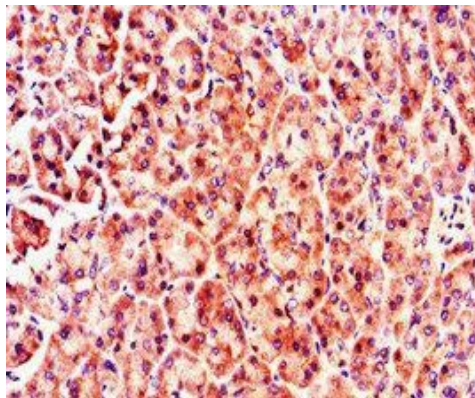
All lanes: MX1 antibody at 3ug/ml

Secondary

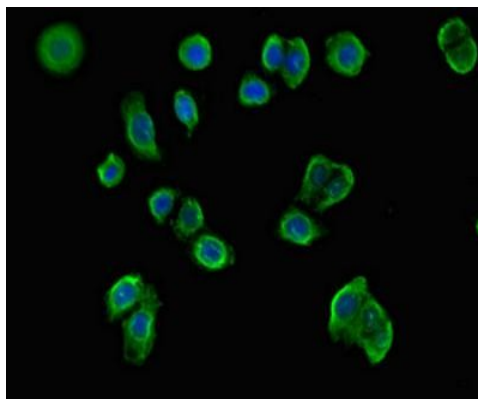
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 76,56 kDa

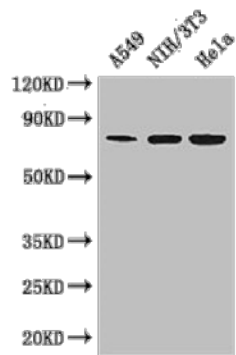
Observed band size: 76 kDa



Immunohistochemistry of paraffin-embedded human pancreatic tissue using CAC07777 at dilution of 1:100



Immunofluorescent analysis of PC3 cells using CAC07777 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunoprecipitating MX1 in HeLa whole cell lysate

Lane 1: Rabbit monoclonal IgG (1ug) instead of CAC07777 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: CAC07777 (4ug)+ HeLa whole cell lysate (500ug) Lane 3:
HeLa whole cell lysate (20ug)