

MX1 Polyclonal Antibody

Catalog number: 13750-1-AP

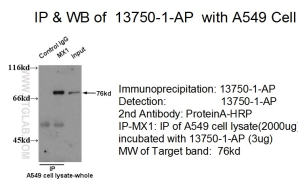
Size: 46 µg/150 µl

Source: Rabbit

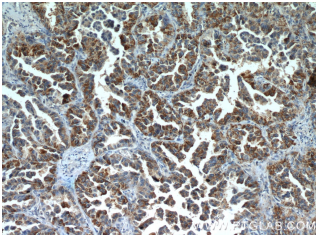
Isotype: IgG

Synonyms:

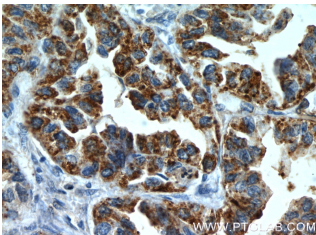
MX1; IFI 78K, IF178, Interferon induced protein p78, MX, MX1, MxA, Myxovirus resistance protein 1



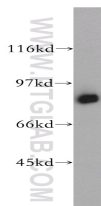
IP result of anti-MX1 (13750-1-AP for IP and Detection) with A549 cell.



Immunohistochemistry of paraffin-embedded human lung cancer slide using 13750-1-AP (MX1 Antibody) at dilution of 1:50



Immunohistochemistry of paraffin-embedded human lung cancer slide using 13750-1-AP (MX1 Antibody) at dilution of 1:50



mouse spleen tissue were subjected to SDS PAGE followed by western blot with

Background

Mx1 (also known as MxA) is a GTPase that belongs to the Mx family of proteins, which are ubiquitous in eukaryotes and involved in the immune response to viral infections. The human Mx1 is localized in the cytoplasm interfering with the translation of viral proteins, whereas the mouse Mx1 accumulates in the nucleus and inhibits the primary transcription of viral RNA. Mx1 expression is induced by treatment with α/β interferon (INF). This antibody can recognize the endogenous Mx1 protein in several tissues like lung and spleen.

Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	FC, IF, IHC, WB
Species specificity:	Human, Mouse; other species not tested.
Cited species:	Human, mouse
Calculated MX1 MW:	662aa, 76 kDa
Observed MX1 MW:	76kd
Positive WB detected in	Mouse spleen tissue, A549 cells, mouse lung tissue, NIH/3T3 cells
Positive IP detected in	A549 cells
Positive IHC detected in	Human lung cancer tissue, human tonsillitis tissue
Recommended dilution:	WB: 1:200-1:2000 IP: N/A IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4692
GenBank accession number:	BC032602
Gene ID (NCBI):	4599
Full name:	Myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

**13750-1-AP(MX1 antibody) at
dilution of 1:300**