

Anti-MX2 Antibody
Rabbit polyclonal antibody to MX2
Catalog # AP59628**Specification**

Anti-MX2 Antibody - Product Information

Application	WB
Primary Accession	P20592
Other Accession	O9WVP9
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82089

Anti-MX2 Antibody - Additional Information**Gene ID** 4600**Other Names**

Interferon-induced GTP-binding protein Mx2; Interferon-regulated resistance GTP-binding protein MxB; Myxovirus resistance protein 2; p78-related protein

Target/Specificity

Recognizes endogenous levels of MX2 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-MX2 Antibody - Protein Information**Name** MX2**Function**

Interferon-induced dynamin-like GTPase with potent antiviral activity against human immunodeficiency virus type 1 (HIV-1). Acts by targeting the viral capsid and affects the nuclear uptake and/or stability of the HIV-1 replication complex and the subsequent chromosomal integration of the proviral DNA. Exhibits antiviral activity also against simian immunodeficiency virus (SIV-mnd). May play a role in regulating nucleocytoplasmic transport and cell-cycle progression.

Cellular Location

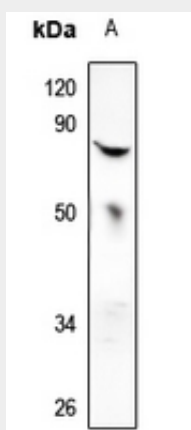
Cytoplasm. Nucleus. Nucleus, nuclear pore complex. Note=Localization to nuclear pores requires GTP-binding

Anti-MX2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-MX2 Antibody - Images



Western blot analysis of MX2 expression in HEK293T (A) whole cell lysates.

Anti-MX2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MX2. The exact sequence is proprietary.