

**MxB Polyclonal Antibody**  
**Catalog # AP71108****Specification**

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**MxB Polyclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P20592</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

**MxB Polyclonal Antibody - Additional Information****Gene ID** 4600**Other Names**

MX2; Interferon-induced GTP-binding protein Mx2; Interferon-regulated resistance GTP-binding protein MxB; Myxovirus resistance protein 2; p78-related protein

**Dilution**

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**MxB Polyclonal 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**

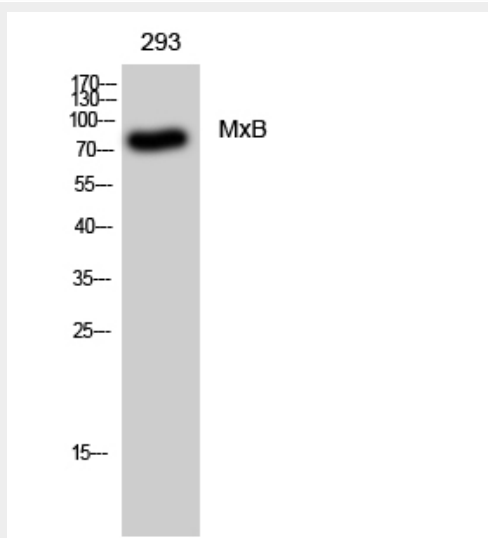
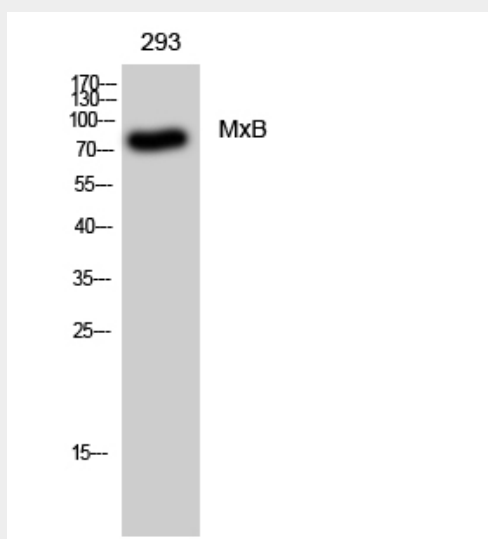
Cytoplasm. Nucleus. Nucleus, nuclear pore complex. Note=Localization to nuclear pores requires GTP-binding

**MxB Polyclonal 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](#)

#### **MxB Polyclonal Antibody - Images**



#### **MxB Polyclonal Antibody - Background**

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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.