



Rabbit Anti-MX1 antibody

SL10984R

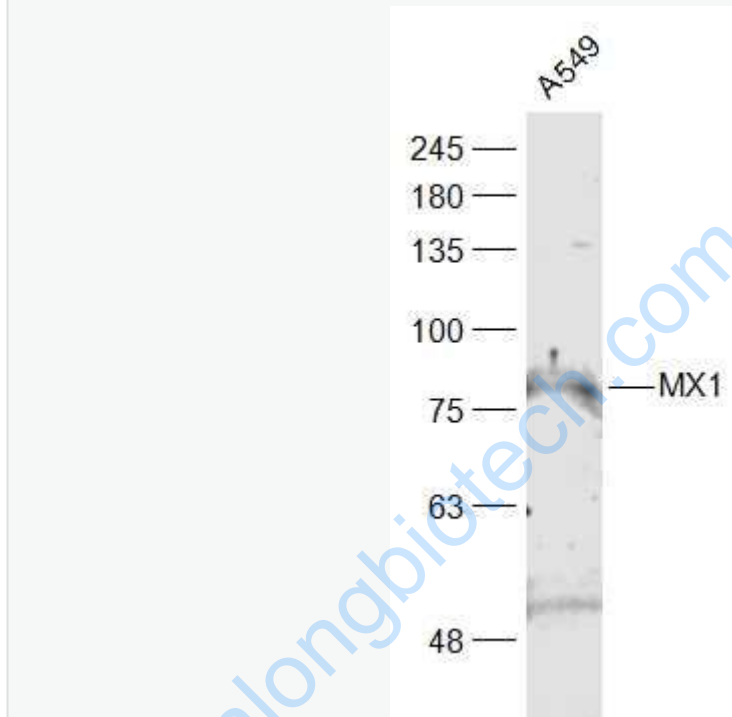
Product Name:	MX1
Chinese Name:	Interferon诱导蛋白P78抗体
Alias:	Human interferon regulated resistance GTP binding protein MXA; IFI 78; IFI 78K; IFI-78K; IFI78; IFI78K; Interferon induced GTP binding protein Mx1; Interferon induced protein p78; Interferon inducible protein p78; Interferon regulated resistance GTP binding protein; Interferon regulated resistance GTP binding protein MxA; Interferon-induced GTP-binding protein Mx1; Interferon-induced protein p78; Interferon-regulated resistance GTP-binding protein MxA; MX 1; MX; MX1; MX1_HUMAN; MxA; Myxoma resistance protein 1; Myxovirus (influenza virus) resistance 1 interferon inducible; Myxovirus (influenza virus) resistance 1 interferon inducible protein p78; Myxovirus (influenza) resistance 1 homolog of murine; Myxovirus resistance protein 1; N-terminally processed.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Dog,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	73/79kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MX1:571-662/662
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>The Dynamin family of microtubule-associated proteins function as GTPases that are involved in microtubule bundling and endocytosis. In mice, Mx2 (myxovirus resistance protein 2) and Mx1 (myxovirus resistance protein 1) are members of the Dynamin family that are involved in the immune response to viral infections. Localized to the cytoplasm, Mx2 contains one GED domain and is expressed in response to viral infection or treatment by IFN-alpha/IFN-beta. Once expression is induced, Mx2 accumulates in the cytoplasm and inhibits the replication of vesicular stomatitis virus (VSV), thereby conferring resistance to VSV infection. Unlike Mx2, Mx1 is localized to the nucleus where, upon induction by IFN-alpha/IFN-beta, it provides selective resistance to infection by the highly lethal H5N1 influenza virus. In humans, MxA and MxB function in a similar manner to Mx1 and Mx2, conferring resistance to specific target viruses. Mx3 is a rat-specific member of the myxovirus resistance protein family.</p> <p>Function: May regulate the calcium channel activity of TRPCs. Shows activity against influenza virus and VSV, a rhabdovirus.</p> <p>Subunit: Interacts with TRPC1, TRPC3, TRPC4, TRPC5, TRPC6 and TRPC7.</p> <p>Subcellular Location: Cytoplasm.</p> <p>Similarity: Belongs to the dynamin family. Contains 1 GED domain.</p> <p>SWISS: P20591</p> <p>Gene ID: 4599</p> <p>Database links: Entrez Gene: 403745Dog Entrez Gene: 4599Human Omim: 147150Human SwissProt: Q9N0Y3Dog SwissProt: P20591Human Unigene: 517307Human</p>

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

A549(Human) Cell Lysate at 30 ug

Primary: Anti-MX1? (SL10984R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 73/79 kD

Observed band size: 79 kD