MX1 Polyclonal Antibody

Catalog No	YP-Ab-05138
Isotype	IgG
Reactivity	Human;Rat
Applications	WB;ELISA
Gene Name	MX1
Immunogen	Synthesized peptide derived from human protein . at AA range: 500-580
Specificity	MX1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	IFI-78K;Interferon-induced GTP-binding protein Mx1;N-terminally processed; Interferon-induced protein p78;Interferon-regulated resistance GTP-binding protein MxA;MX1;Interferon-induced GTP-binding protein Mx1 (Interferon-induced protein p78) (IFI-78K) (Interferon-regulated resistance GTP-binding protein MxA) (Myxoma resistance protein 1) (Myxovirus resistance prot
Observed Band	76 kDa
Calculated Molecular Weight	662 aa, 76 kDa
Cell Pathway	Cytoplasm . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side. Cytoplasm, perinuclear region . Binds preferentially to negatively charged phospholipids (PubMed:21900240). Colocalizes with CCHFV protein N in the perinuclear region (PubMed:15047845). .; [Isoform 2]: Cytoplasm . Nucleus . Translocates into the nuclei of HSV-1 infected cells (PubMed:20603636). .
Tissue Specificity	Primary B-Cells,Spleen,Uterus,
Function	function:May regulate the calcium channel activity of TRPCs. Shows activity against influenza virus and VSV, a rhabdovirus.,induction:By interferons., similarity:Belongs to the dynamin family.,similarity:Contains 1 GED domain., subunit:Interacts with TRPC1, TRPC3, TRPC4, TRPC5, TRPC6 and TRPC7.,

Background	This gene encodes a guanosine triphosphate (GTP)-metabolizing protein that participates in the cellular antiviral response. The encoded protein is induced by type I and type II interferons and antagonizes the replication process of several different RNA and DNA viruses. There is a related gene located adjacent to this gene on chromosome 21, and there are multiple pseudogenes located in a cluster on chromosome 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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