

MX1 Rabbit pAb

CatalogNo: YN0264

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat

Applications

- WB,ELISA

MW

- 72kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 500-580

Specificity

MX1 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

MX1

Protein Name 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 protein 1) [Cleaved into: Interferon-induced GTP-binding protein Mx1, N-terminally processed]

Organism	Gene ID	UniProt ID
Human	4599 ;	P20591 ;
Mouse		P09922 ;
Rat		P18588 ;

Cellular Localization 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.,

Validation Data

Contact information

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MX1 Rabbit pAb

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