

Rabbit anti-Human MX2 Polyclonal Antibody | anti-MX2 antibody

MX2 Antibody

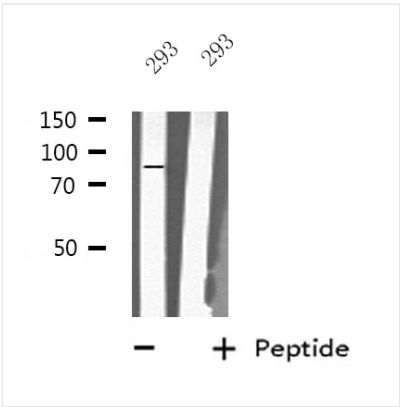
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325352	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

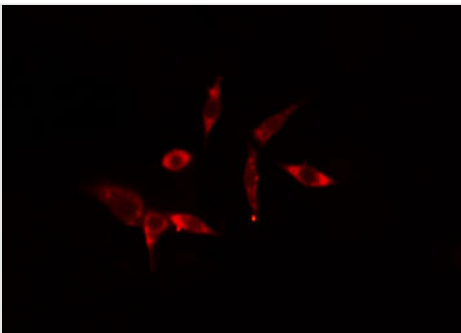
MX2; Polyclonal Antibody; MX2 Antibody; Interferon induced GTP binding protein Mx2; Interferon regulated resistance GTP binding protein MXB; Interferon-induced GTP-binding protein Mx2; Interferon-regulated resistance GTP-binding protein MxB; MX 2; MX dynamin like GTPase 2; Mx2; MX2_HUMAN; MXB; Myxovirus (influenza virus) resistance 2; Myxovirus resistance 2; Myxovirus resistance protein 2; p78 related protein; p78-related protein; Second interferon induced protein p78; anti-MX2 antibody

PRODUCT SPECIFICATIONS

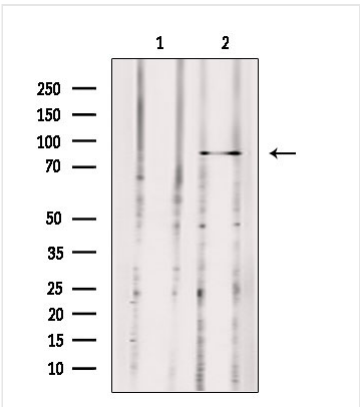
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	MX2 antibody detects endogenous levels of total MX2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	715
Applicable Applications for anti-MX2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm.
Tissue Specificity	By type I and type III interferons.
Predicted Cross Reactivity	Horse, Dog
Similarity	Horse (90%), Dog (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from 293 cells, using MX2 antibody.



IF (Immunofluorescence)
AAA325352 staining 293 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from 293, using MX2 Antibody. Lane 1 was treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-MX2 antibody	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. Similarity: Belongs to the TRAFAC class dynamin-like GTPase superfamily. Dynamin/Fzo/YdjA family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11342664
NCBI GeneID	4600
NCBI Accession #	NP_002454.1
NCBI GenBank Nucleotide #	NM_002463.1
UniProt Accession #	P20592; B7Z5D3; D3DSI7
Molecular Weight	Observed: 82 kD Predicted: 83 kDa
NCBI Official Full Name	interferon-induced GTP-binding protein Mx2
NCBI Official Synonym Full Names	MX dynamin like GTPase 2

NCBI Official Symbol	MX2
NCBI Official Synonym Symbols	MXB
NCBI Protein Information	interferon-induced GTP-binding protein Mx2
UniProt Protein Name	Interferon-induced GTP-binding protein Mx2
UniProt Gene Name	MX2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mx2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325352>