IFNW1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IFNW1, Polyclonal Antibody
Full Product Name	IFNW1 Rabbit pAb
Product Gene Name	anti-IFNW1 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Form/Format	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	27kDa
OMIM	147553
3D Structure	ModBase 3D Structure for P05000
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 22-195 of human IFNW1 (NP_002168.1).
Cellular Localization	Secreted
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IFNW1 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-IFNW1 antibody	WB: 1:500-1:2000 IHC: 1:50-1:100
Related Product Information for anti-IFNW1 antibody	MBS8547246 is an antibody targeting IFNW1. Also known as IFNW1 Rabbit pAb. Reactive in Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-IFNW1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IFNW1. It may not necessarily be applicable to this product.

NCBI GI #	4504605
NCBI GeneID	3467
NCBI Accession #	NP_002168.1
UniProt Primary Accession #	P05000
UniProt Related Accession #	P05000

GenBank Nucleotide #	NP_002168.1
NCBI Official Full Name	interferon omega-1
NCBI Official Synonym Full Names	interferon omega 1
NCBI Official Symbol	IFNW1
UniProt Protein Name	Interferon omega-1
UniProt Synonym Protein Names	Interferon alpha-II-1
Protein Family	Interferon
UniProt Gene Name	IFNW1
UniProt Entry Name	IFNW1_HUMAN
NCBI Protein Information	interferon omega-1
NCBI Summary for IFNW1	The protein encoded by this gene is an interferon and possesses antiviral activity. The encoded protein binds to the interferon alpha/beta receptor but not to the interferon gamma receptor. This intronless gene has several pseudogenes spread throughout the genome. [provided by RefSeq, Nov 2015]
UniProt Comments for IFNW1	IFNW1: Belongs to the alpha/beta interferon family. Protein type: Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 9p22 Cellular Component: extracellular space Molecular Function: hematopoietin/interferon-class (D200-domain) cytokine receptor binding; interferon-alpha/beta receptor binding; cytokine activity Biological Process: B cell proliferation; adaptive immune response; response to virus; cytokine and chemokine mediated signaling pathway; regulation of MHC class I biosynthetic process; humoral immune response; T cell activation during immune response; response to exogenous dsRNA; B cell differentiation; natural killer cell activation during immune response; innate immune response; cell cycle arrest; defense response to virus; positive regulation of peptidyl-serine phosphorylation of STAT protein
Research Articles on IFNW1	**1.** a review on current status in clinical applications of interferon-omega
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