Interferon Alpha 4 (IFNa4) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Interferon Alpha 4 (IFNa4), Polyclonal Antibody
Full Product Name	Biotin-Linked Polyclonal Antibody to Interferon Alpha 4 (IFNa4)
Product Gene Name	anti-IFNa4 antibody
Product Synonym Names	INFA4; Interferon Alpha-4B; Interferon Alpha-76; Interferon Alpha-M1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Rat, Human, Mouse
Concentration	500ug/ml (lot specific)
Matching Pairs	Unconjugated Antibody: IFNa4 (MBS2005924) Biotin Conjugated Antibody: IFNa4 (MBS2091663)
Matching Pairs	Biotin Conjugated Antibody: IFNa4 (MBS2091663) Immunogen: IFNa4 (MBS2012451)
Molecular Weight	21,808 Da
OMIM	M27318 mRNA
3D Structure	ModBase 3D Structure for P05014
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Conjugation	Biotin
Cross Reactivity	Rat
Immunogen	IFNa4 (Arg33~Lys189)
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-IFNa4 antibody	Western Blot (WB)
Related Product Information for anti-IFNa4 antibody	MBS2091663 is an antibody targeting IFNa4. Also known as Biotin-Linked Polyclonal Antibody to Interferon Alpha 4 (IFNa4). Reactive in Rat, Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-IFNa4 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 IFNa4. It may not necessarily be applicable to this product.

NCBI GI #	10835103
NCBI GeneID	3441
NCBI Accession #	NP_066546.1
UniProt Primary Accession #	P05014

UniProt Secondary Accession #	P13358; Q14CS4; Q5VV15
UniProt Related Accession #	P05014
GenBank Nucleotide #	NM_021068.2
NCBI Official Full Name	interferon alpha-4
NCBI Official Synonym Full Names	interferon alpha 4
NCBI Official Symbol	IFNA4
NCBI Official Synonym Symbols	INFA4; IFN-alpha4a
UniProt Protein Name	Interferon alpha-4
UniProt Synonym Protein Names	Interferon alpha-4B; Interferon alpha-76; Interferon alpha-M1
UniProt Gene Name	IFNA4
UniProt Synonym Gene Names	IFN-alpha-4
NCBI Protein Information	interferon alpha-4
UniProt Comments for IFNa4	IFNA4: Produced by macrophages, IFN-alpha have antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. Belongs to the alpha/beta interferon family. Protein type: Cytokine; Secreted; Secreted, signal peptide Chromosomal Location of Human Ortholog: 9p21.3 Cellular Component: extracellular region; extracellular space Molecular Function: cytokine activity; interferon-alpha/beta receptor binding; protein binding Biological Process: adaptive immune response; B cell differentiation; B cell proliferation; blood coagulation; cytokine-mediated signaling pathway; defense response to virus; humoral immune response; innate immune response; natural killer cell activation involved in immune response; positive regulation of peptidyl-serine phosphorylation of STAT protein; response to exogenous dsRNA; response to virus; T cell activation involved in immune response
Research Articles on IFNa4	**1.** Heterozygous IFNA4 variants is a cause of impaired function and CD-susceptibility genes in Chinese individuals from multiple center based study.
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