

Rabbit anti-Human IFNAR1 Polyclonal Antibody | anti-IFNAR1 antibody

IFNAR1 Antibody (Center)

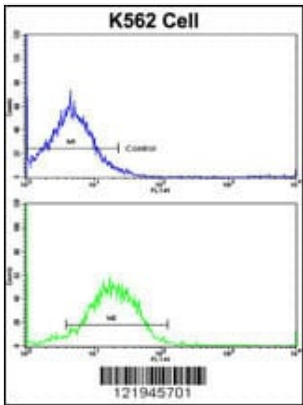
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289473	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

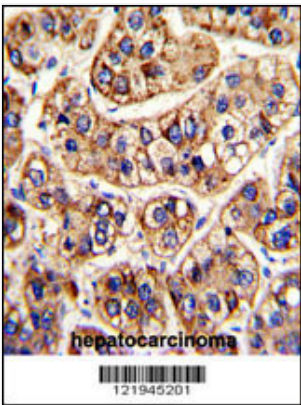
IFNAR1; Polyclonal Antibody; IFNAR1 Antibody (Center); Interferon alpha/beta receptor 1; IFN-R-1; IFN-alpha/beta receptor 1; Cytokine receptor class-II member 1; Cytokine receptor family 2 member 1; CRF2-1; Type I interferon receptor 1; IFNAR; anti-IFNAR1 antibody

PRODUCT SPECIFICATIONS

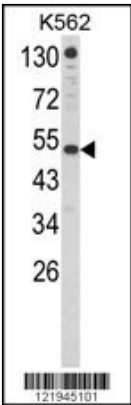
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This IFNAR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 162-188 amino acids from the Central region of human IFNAR1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	162-188
Sequence Length	488
Applicable Applications for anti-IFNAR1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Function	Associates with IFNAR2 to form the type I interferon receptor. Receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFNR alpha- and beta- subunits themselves. Can also transduce IFNB signals without the help of IFNAR2, and not activating the Jak-STAT pathway.
Cellular Location	Isoform 1: Membrane; Single-pass type I membrane protein
Tissue Location	IFN receptors are present in all tissues and even on the surface of most IFN-resistant cells. Isoform 1, isoform 2 and isoform 3 are expressed in the IFN-alpha sensitive myeloma cell line U266B1. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R. Isoform 1 is not expressed in IFN-alpha resistant myeloma cell line U266R
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of K562 cells using IFNAR1 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with IFNAR1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of IFNAR1 Antibody (Center) in K562 cell line lysates (35ug/lane). IFNAR1 (arrow) was detected using the purified Pab.(8ug/ml)

ADDITIONAL INFORMATION

Related Product Information for anti-IFNAR1 antibody	IFNAR1 is the receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFNR alpha-and beta-subunits themselves.
Product Categories/Family for anti-IFNAR1 antibody	Cancer; Immunology; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	46488932
NCBI GeneID	3454
NCBI Accession #	NP_000620.2
NCBI GenBank Nucleotide #	NM_000629.2
UniProt Accession #	P17181; Q53GW9; Q53H11; Q6PKD7; Q7M4L2; Q8WTZ2; B2R6L9; B4DNT3; D3DSF0
Molecular Weight	63525
NCBI Official Full Name	interferon alpha/beta receptor 1
NCBI Official Synonym Full Names	interferon (alpha, beta and omega) receptor 1

NCBI Official Symbol	IFNAR1
NCBI Official Synonym Symbols	AVP; IFRC; IFNAR; IFNBR; IFN-alpha-REC
NCBI Protein Information	interferon alpha/beta receptor 1
UniProt Protein Name	Interferon alpha/beta receptor 1
UniProt Gene Name	IFNAR1
UniProt Synonym Gene Names	IFNAR; IFN-R-1; IFN-alpha/beta receptor 1; CRF2-1
UniProt Entry Name	INAR1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ifnar1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289473>