Rabbit IFNAR1 Polyclonal Antibody | anti-IFNAR1 antibody

IFNAR1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28371	**Rabbit**	**Human, Mouse, Rat**	**Western Blot, Immunohistochemistry, Immunofluorescence**

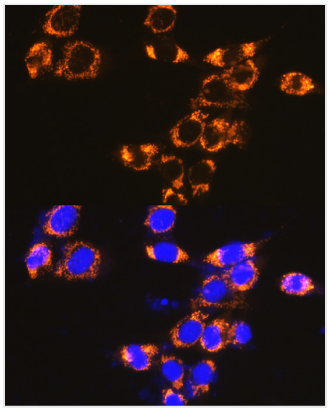
PRODUCT SYNONYMS

IFNAR1; Polyclonal Antibody; IFNAR1 Rabbit pAb; AVP; IFN-alpha-REC; IFNAR; IFNBR; IFRC; anti-IFNAR1 antibody

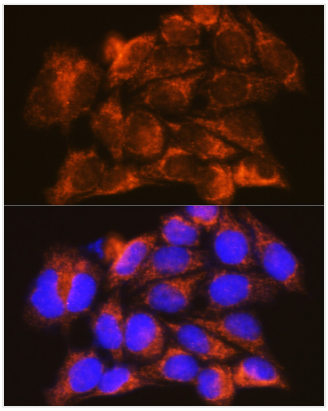
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-IFNAR1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:200 IF: 1:50-1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 470-557 of human IFNAR1 (NP_000620.2).
Cellular Location	Membrane, Single-pass type I membrane protein
Positive Samples	SP2/0, A-549, Mouse brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

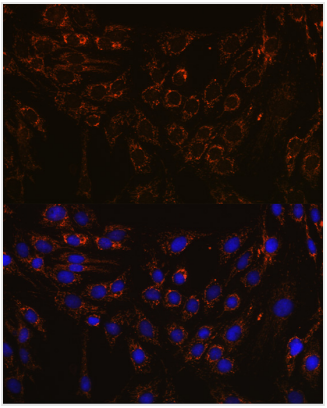
IMAGES



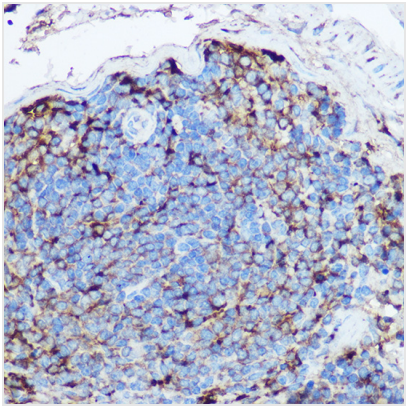
IF (Immunofluorescence)
Immunofluorescence analysis of NIH-3T3 cells using IFNAR1 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



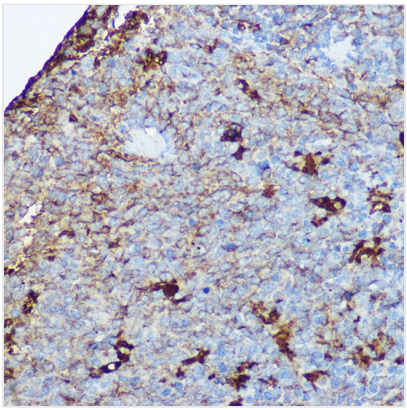
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using IFNAR1 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



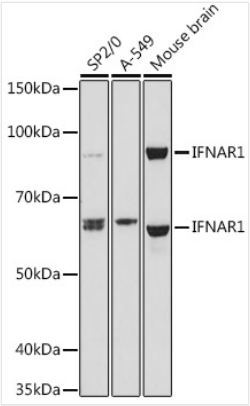
IF (Immunofluorescence)
Immunofluorescence analysis of C6 cells using IFNAR1 Rabbit pAb at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded mouse spleen using IFNAR1 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded rat spleen using IFNAR1 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using IFNAR1 antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3s.

ADDITIONAL INFORMATION

Related Product Information for anti-IFNAR1 antibody	Background: The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The encoded protein also functions as an antiviral factor.
Product Categories/Family for anti-IFNAR1 antibody	Immunology & Inflammation; Cytokines; Interferons; Products; Drug Targets

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; D3DSF0
Molecular Weight	63,525 Da
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; CRF2-1; IFN-R-1; IFN-alpha/beta receptor 1; interferon-beta receptor 1; beta-type antiviral protein; alpha-type antiviral protein; type I interferon receptor 1; cytokine receptor class-II member 1; cytokine receptor famil
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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