

Rabbit IFN-gammaRalpha Polyclonal Antibody | anti-IFNGR1 antibody

IFN-gammaRalpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322544	Rabbit	Human, Mouse, Monkey	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

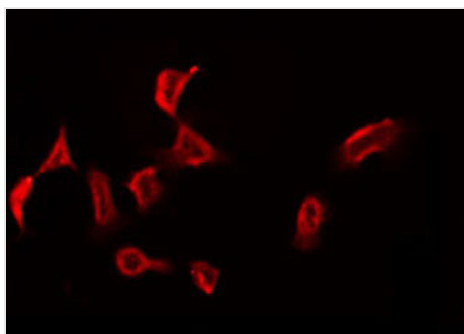
PRODUCT SYNONYMS

IFN-gammaRalpha; Polyclonal Antibody; IFN-gammaRalpha Antibody; Antiviral Protein Type II; Antiviral protein; type 2; AVP type II; AVP; CD 119; CD119; CD119 antigen; CDw119; FLJ45734; IFN gamma R alpha; IFN gamma R; IFN gamma R1; IFN-gamma receptor 1; IFN-gamma-R1; IFNG R1; IFNGR 1; IFNGR; IFNGR1; Immune interferon receptor 1; Immune interferon receptor for; INGR1_HUMAN; Interferon gamma receptor 1; Interferon gamma receptor alpha chain; Interferon gamma receptor alpha chain precursor; anti-IFNGR1 antibody

PRODUCT SPECIFICATIONS

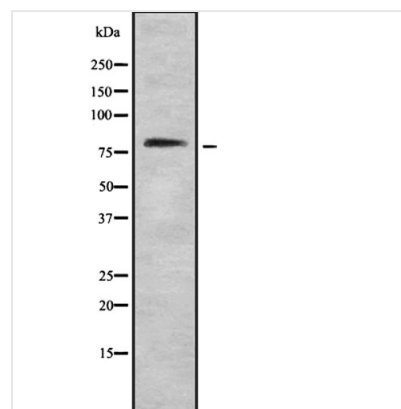
Host	Rabbit
Reactivity	Human, Mouse, Monkey
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	~1mg/ml (varies by lot)
Sequence Length	489
Applicable Applications for anti-IFNGR1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human IFNGR1, corresponding to a region within C-terminal amino acids
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322544 staining HeLa 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) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis IFN-gammaRalpha using COS7 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-IFNGR1 antibody	Function: Associates with IFNGR2 to form a receptor for the cytokine interferon gamma (IFNG) (PubMed:7615558, PubMed:2971451, PubMed:7617032, PubMed:10986460). Ligand binding stimulates activation of the JAK/STAT signaling pathway (PubMed:7673114). Plays an essential role in the IFN-gamma pathway that is required for the cellular response to infectious agents (PubMed:20015550). Subunit Structure: Monomer (PubMed:9367779). Heterodimer with IFNGR2, to form the IFNG receptor complex (PubMed:7615558). Interacts with JAK1 (PubMed:7615558). Post-translational Modifications: Phosphorylated at Ser/Thr residues. Similarity: Belongs to the type II cytokine receptor family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557880
NCBI GeneID	3459
NCBI Accession #	NP_000407.1
NCBI GenBank Nucleotide #	NM_000416.2
UniProt Accession #	P15260; Q53Y96; B4DFT7; E1P587
Molecular Weight	83 kDa
NCBI Official Full Name	interferon gamma receptor 1 isoform 1
NCBI Official Synonym Full Names	interferon gamma receptor 1
NCBI Official Symbol	IFNGR1
NCBI Official Synonym Symbols	CD119; IFNGR; IMD27A; IMD27B
NCBI Protein Information	interferon gamma receptor 1
UniProt Protein Name	Interferon gamma receptor 1
UniProt Gene Name	IFNGR1
UniProt Synonym Gene Names	IFN-gamma-R-alpha1 PublicationManual assertion based on opinion iniRef.9

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/ifn-gammaralpha-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/322544>