

Rabbit anti-Human, Mouse IFNA1 Polyclonal Antibody | anti-IFNA1 antibody

IFNA1 Polyclonal Antibody

CATALOG # AAA36641	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
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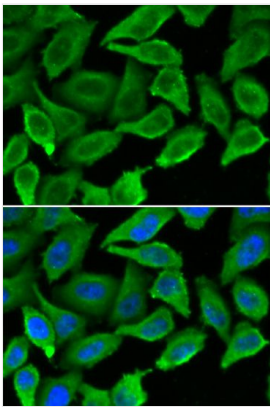
PRODUCT SYNONYMS

IFNA1; Polyclonal Antibody; IFNA1 Polyclonal Antibody; IFN-alpha: IFN-a; IFL; IFN; IFN-ALPHA; IFNA13; IFNA; MGC138207; MGC138505; MGC138507; anti-IFNA1 antibody

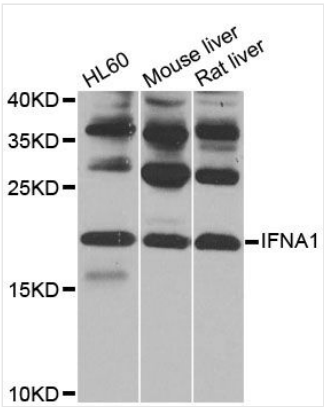
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	189
Applicable Applications for anti-IFNA1 antibody	IF (Immunofluorescence), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human IFNA1
Calculated Molecular Weight	22kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells using IFNA1 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using IFNA1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5s.

ADDITIONAL INFORMATION

Related Product Information for anti-IFNA1 antibody	Interferon-alpha1 is a member of the Type I IFN (1) family best known for their antiviral activity. Most nucleated cells produce one or more Type I IFNs in response to viral infection (2). Secreted Type I IFN then induces viral protective responses in neighboring non-infected cells. Type I IFNs also enhance virus-induced apoptosis (3). Other IFNA11 activities include enhancement of dendritic cell maturation and cytotoxic T cell activity (4). IFNA11 binds to the IFNA1R1 and IFNA1R2 heterodimer (1). Intracellular signaling through the Jak/Stat pathway is best characterized (3). However, the PI3K, ERK, and p38 kinase pathways are also involved (5). The antiviral activities of the IFNs have led to their use in treating viral infections (4). Type I IFNs also appear to have an integral role in several autoimmune diseases (6).
Product Categories/Family for anti-IFNA1 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	124455
NCBI GeneID	3447
UniProt Accession #	P01562; Q14605; Q2M1L8; Q52LB8; Q5VYQ2; Q7M4Q1; Q8WZ68; Q9UMJ3; D4Q9M8
Molecular Weight	189
NCBI Official Full Name	Interferon alpha-1/13
NCBI Official Synonym Full Names	interferon, alpha 13
NCBI Official Symbol	IFNA13
NCBI Protein Information	interferon alpha-1/13; leIF D; IFN-alpha-1/13; interferon alpha-D
UniProt Protein Name	Interferon alpha-1/13
UniProt Gene Name	IFNA1
UniProt Synonym Gene Names	IFN-alpha-1/13; LeIF D
UniProt Entry Name	IFNA1_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.

