

Rabbit anti-Human, Mouse IFIH1 Polyclonal Antibody | anti-IFIH1 antibody

IFIH1 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174292	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

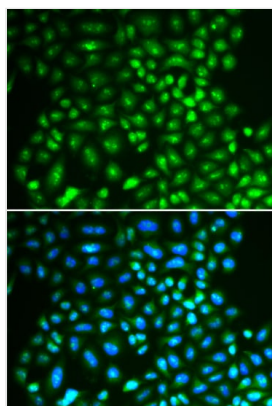
PRODUCT SYNONYMS

IFIH1; Polyclonal Antibody; IFIH1 Polyclonal Antibody; CADM-140 autoantigen; Clinically amyopathic dermatomyositis autoantigen 140 kDa; DEAD/H (Asp Glu Ala Asp/His) box polypeptide; DEAD/H box polypeptide; Helicard; Helicase with 2 CARD domains; Hlcd; IDDM 19; IDDM19; IFIH 1; Ifih1; Interferon induced helicase C domain containing protein 1; interferon induced with helicase C domain 1; Interferon induced with helicase C domain protein 1; Interferon-induced helicase C domain-containing protein 1; Interferon-induced with helicase C domain protein 1; MDA 5; MDA-5; Melanoma differentiation associated protein 5; Melanoma differentiation-associated gene 5; Melanoma differentiation-associated protein 5; MGC133047; Murabutide down regulated protein; Murabutide down-regulated protein; RH 116; RH116; RIG I like receptor 2; RLR 2; RNA helicase DEAD box protein 116; RNA helicase-DEAD box protein 116; anti-IFIH1 antibody

PRODUCT SPECIFICATIONS

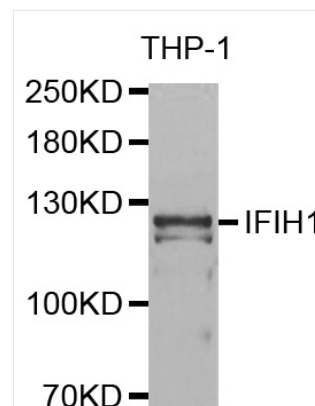
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	1 mg/mL (varies by lot)
Sequence Length	221
Applicable Applications for anti-IFIH1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant protein of human IFIH1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of A549 cells using IFIH1 antibody.



WB (Western Blot)

Western blot analysis of extracts of THP-1 cells, using IFIH1 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IFIH1 antibody	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein that is upregulated in response to treatment with beta-interferon and a protein kinase C-activating compound, mezerein. Irreversible reprogramming of melanomas can be achieved by treatment with both these agents; treatment with either agent alone only achieves reversible differentiation. Genetic variation in this gene is associated with diabetes mellitus insulin-dependent type 19.
Product Categories/Family for anti-IFIH1 antibody	Cancer; Epigenetics and Nuclear Signaling; Immunology; Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	27886568
NCBI GeneID	64135
NCBI Accession #	NP_071451.2
NCBI GenBank Nucleotide #	NM_022168.4
UniProt Accession #	Q9BYX4; Q2NKL6; Q6DC96; Q86X56; Q96MX8; Q9H3G6
Molecular Weight	Calculated: 25kDa; 116kDa Observed: 117kDa
NCBI Official Full Name	interferon-induced helicase C domain-containing protein 1
NCBI Official Synonym Full Names	interferon induced with helicase C domain 1
NCBI Official Symbol	IFIH1
NCBI Official Synonym Symbols	AGS7; Hlcd; MDA5; MDA-5; RLR-2; IDDM19; SGMRT1
NCBI Protein Information	interferon-induced helicase C domain-containing protein 1
UniProt Protein Name	Interferon-induced helicase C domain-containing protein 1
UniProt Gene Name	IFIH1
UniProt Synonym Gene Names	MDA5; RH116; CADM-140 autoantigen; Helicard; MDA-5; RLR-2

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/ifih1-antibody-immunofluorescence-western-blot-elisa/174292>