

## Rabbit IFIH1 Polyclonal Antibody | anti-IFIH1 antibody

IFIH1 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA30724  | Rabbit | Human, Mouse, Rat | Western Blot, Immunohistochemistry, Immunofluorescence |

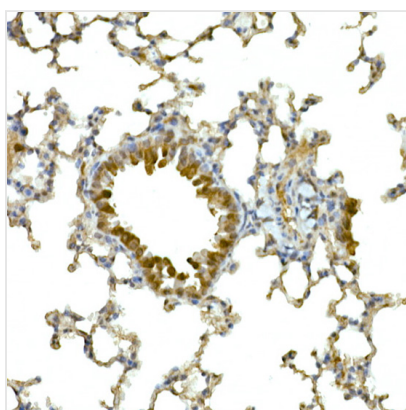
### PRODUCT SYNONYMS

IFIH1; Polyclonal Antibody; IFIH1 Rabbit Polyclonal Antibody; AGS7; Hlcd; IDDM19; MDA-5; MDA5; RLR-2; SGMRT1; anti-IFIH1 antibody

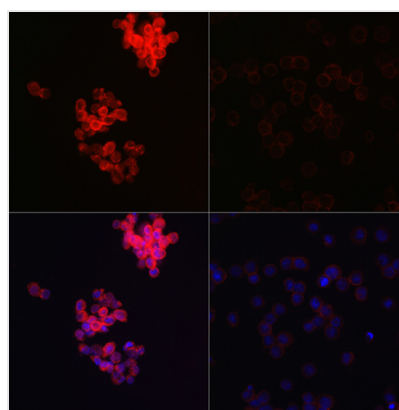
### PRODUCT SPECIFICATIONS

|                                                 |                                                                        |
|-------------------------------------------------|------------------------------------------------------------------------|
| 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-IFIH1 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence) |
| Application Notes                               | WB: 1:500-1:2000<br>IHC: 1:50-1:200<br>IF: 1:50-1:200                  |
| Immunogen                                       | Recombinant fusion protein of human IFIH1 (NP_071451.2).               |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

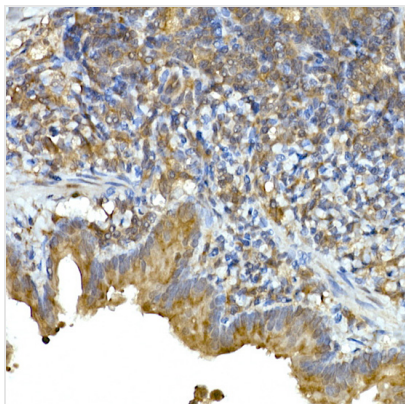
### IMAGES


**IHC (Immunohistochemistry)**

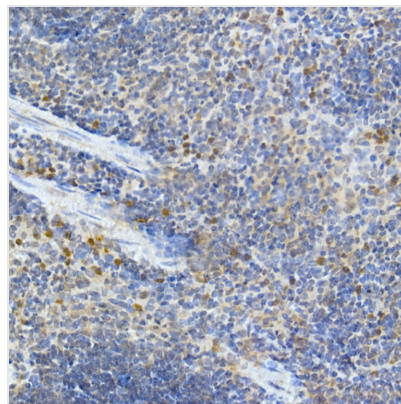
Immunohistochemistry of paraffin-embedded mouse lung using IFIH1 Rabbit pAb.


**IF (Immunofluorescence)**

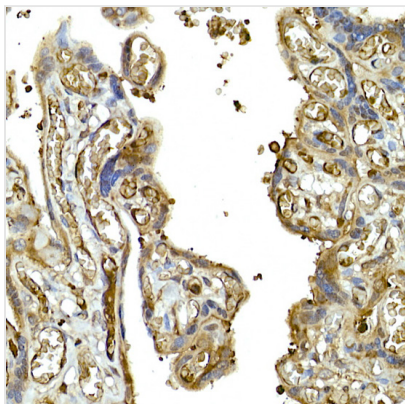
Immunofluorescence analysis of THP-1 cells using IFIH1 Rabbit pAb.



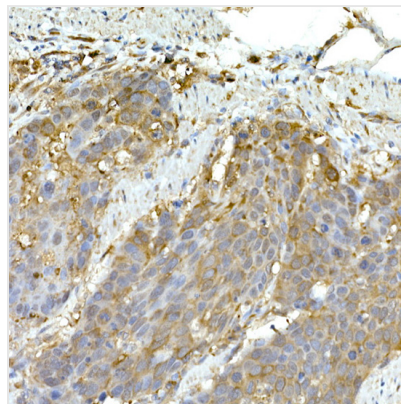
**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded rat lung using IFIH1 Rabbit pAb.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded mouse spleen using IFIH1 Rabbit pAb.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human placenta using IFIH1 Rabbit pAb.



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human esophageal cancer using IFIH1 Rabbit pAb.

## 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

[Primary Antibody](#)

## NCBI AND UNIPROT INFORMATION

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| NCBI GI #                 | 27886568                                                  |
| NCBI GeneID               | 64135                                                     |
| NCBI Accession #          | NP_071451.2                                               |
| NCBI GenBank Nucleotide # | NM_022168.3                                               |
| UniProt Accession #       | Q9BYX4; Q2NKL6; Q6DC96; Q86X56; Q96MX8; Q9H3G6            |
| 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    | HLcd; MDA5; MDA-5; RLR-2; IDDM19                                                                                                                                                                                                                                |
| NCBI Protein Information         | interferon-induced helicase C domain-containing protein 1; helicard; CADM-140 autoantigen; RIG-I-like receptor 2; helicase with 2 CARD domains; RNA helicase-DEAD box protein 116; murabutide down-regulated protein; DEAD/H (Asp-Glu-Ala-Asp/His) box polypept |
| UniProt Protein Name             | Interferon-induced helicase C domain-containing protein 1                                                                                                                                                                                                       |
| UniProt Gene Name                | <b>IFIH1</b>                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | MDA5; RH116; CADM-140 autoantigen; Helicard; MDA-5; RLR-2                                                                                                                                                                                                       |
| UniProt Entry Name               | IFIH1_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/ifih1-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30724>