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**[ Primary Antibody ]**

# Rabbit Anti-IFI44L antibody

**Catalog Number: SL15551R**

**FOR RESEARCH USE ONLY**

**[ DATASHEET ]**

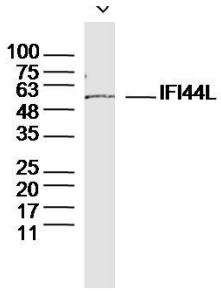
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|---|---|
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Target:** | IFI44L |
| **Immunogen:** | KLH conjugated synthetic peptide derived from human IFI44L: 101-200/452 |
| **Purification:** | affinity purified by Protein A |
| **Concentration:** | 1mg/ml |
| **Storage:** | 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. |
| **Applications:** | WB=1:500-2000 （Paraffin sections need antigen repair）<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user. |
| **Reactivity:** | Human |
| **Predicted MW.:** | 51kDa |
| **Subcellular Location:** | cytoplasmic |
| **Background:** | IFI-44L is a 452 amino acid cytoplasmic protein that shares some sequence similarities with IFI-44. IFI-44 is a cytoplasmic protein that aggregates to form microtubule structures. The genes that encode IFI-44L and IFI-44 are located on chromosome 1, which is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome.<br>There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Notably, the rare aging disease Hutchinson-Gilford progeria is associated with the LMNA gene which encodes lamin A. When defective, the LMNA gene product can build up in the nucleus and cause characteristic nuclear blebs.<br>The mechanism of rapidly enhanced aging is unclear and is a topic of continuing exploration. Stickler syndrome, Parkinsons, Gaucher disease and Usher syndrome are also associated with chromosome 1. Aberrations in chromosome 1 are found in a variety of cancers including head and neck |

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

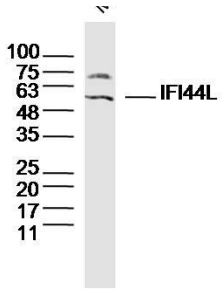
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|---|---|
| | cancer, malignant melanoma and multiple myeloma.<br>**Function:** Exhibits a low antiviral activity against hepatitis C virus.<br>**Subcellular Location:** Cytoplasm (Potential).<br>**Similarity:** Belongs to the IFI44 family.<br>**Database links:**<br>**Entrez Gene:** 10964 Human<br>Omim: 613975 Human<br>**SwissProt:** Q53G44 Human<br>**Unigene:** 731680 Human |

## [ VALIDATION IMAGES ]




Sample: Du145 Cell (Human) Lysate at 30 ug
Primary: Anti-IFI44L (SL15551R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 51kD
Observed band size: 51kD




Sample:MCF-7 Cell (Human) Lysate at 30 ug
Primary: Anti-IFI44L (SL15551R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 51kD
Observed band size: 51kD

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