

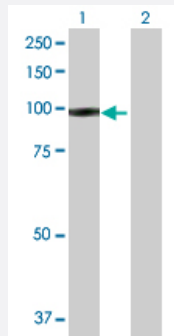
MaxPab®

# IFI16 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00003428-D01P

Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of IFI16 expression in transfected 293T cell line ([H00003428-T01](#)) by IFI16 MaxPab polyclonal antibody.

Lane 1: IFI16 transfected lysate (82.00 KDa).

Lane 2: Non-transfected lysate.

## Specification

### Product Description

Rabbit polyclonal antibody raised against a full-length human IFI16 protein.

### Immunogen

IFI16 (AAH17059.1, 1 a.a. ~ 729 a.a) full-length human protein.

### Sequence

MGKKYKNVLLKGLEVINDYHFRMVKSLLSNDLKLNLKMREEYDKIQIADLMEEKFRGDAGLGKLIKI  
FEDIPTLEDLAETLKKEKLKVGKGPALSRKRKKEVDATSPAPSTSSTVKTEGAEATPGAQKRKKST  
KEKAGPKGSKVSEEQTQPPSPAGAGMSTAMGRSPSPKTSLSAPPNTSSTENPKTVAKCQVTPR  
RNVLQKRPVMKVLSTTKPFYEYETPEMEKKIMFHATVATQTQFFHVKVLNTSLKEKFNGKKIIISDYL  
EYDSLLEVNEESTVSEAGPNQTFEVPNKIINRAKETLKIDILHKQASGNIVYGVFMLHKKTVNQKTTIY  
EQDDRGMKMDVVG TGQCHNIPCEE GDKLQLFCFRLRKKNQMSKLI SEMHSFIQKKKTNP RNNDP  
KSMKLPQE QSQLPNPSEASTTFPESH L RTPQMPP TTPSSSFFT K KSED TISK MND FMRMQILKEG  
SHFPGPFMTSIGPAESH PHTPQMPPSTPSSSFL TTLKPRLKTEPEEVSIEDSAQSDLKEVMVLNA  
TESFVYEPKEQKKMFHATVATENEVFRVKVFNDLKEKFTPKKIIAANYVCRNGFLEVYPFTLVAD  
VNADRNMEIPKGLIRSASVTPKINQLCSQTKGSFVNGVFEVHKKNVRGEFTYIEIQDNTGKMEVVV  
HGRLTTINCEE GDKLKLTCFELAPKSGNTGELRSVIHSHIKVIKTRKNKKDILNPDSSMETSPDFFF

### Host

Rabbit

### Reactivity

Human

### Interspecies Antigen Sequence

Mouse (53); Rat (45)

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                  |
| Storage Buffer          | In 1x PBS, pH 7.4                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

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[Protocol Download](#)

## Gene Info — IFI16

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">3428</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| GeneBank Accession# | <a href="#">BC017059.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Accession#  | <a href="#">AAH17059.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Name           | IFI16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Alias          | IFNGIP1, MGC9466, PYHIN2                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Description    | interferon, gamma-inducible protein 16                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Omim ID             | <a href="#">147586</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Summary        | This gene encodes a member of the HIN-200 (hematopoietic interferon-inducible nuclear antigen s with 200 amino acid repeats) family of cytokines. The encoded protein contains domains involved in DNA binding, transcriptional regulation, and protein-protein interactions. The protein localizes to the nucleoplasm and nucleoli, and interacts with p53 and retinoblastoma-1. It modulates p53 function, and inhibits cell growth in the Ras/Raf signaling pathway. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000035192 interferon-gamma induced protein IFI 16 interferon-inducible myeloid differentiation transcriptional activator                                                                                                                                                                                                                                                                                                                                                            |

## Disease

- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Ovarian Neoplasms](#)
- [Tobacco Use Disorder](#)