

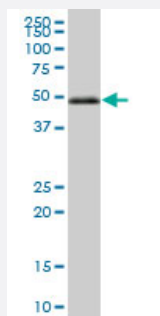
MaxPab®

# IRF3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00003661-B01P

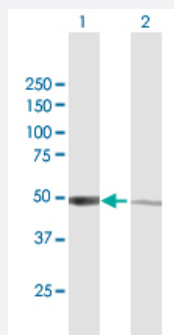
Size 50 ug

## Applications



### Western Blot (Tissue lysate)

IRF3 MaxPab polyclonal antibody. Western Blot analysis of IRF3 expression in human placenta.

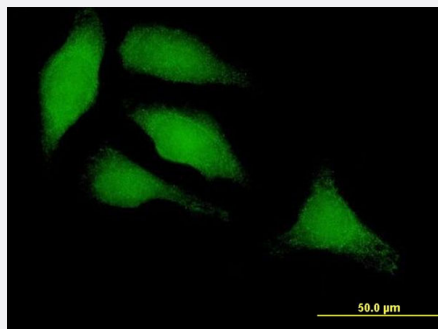


### Western Blot (Transfected lysate)

Western Blot analysis of IRF3 expression in transfected 293T cell line ([H00003661-T01](#)) by IRF3 MaxPab polyclonal antibody.

Lane 1: IRF3 transfected lysate(46.97 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of purified MaxPab antibody to IRF3 on HeLa cell. [antibody concentration 10 ug/ml]

## Specification

### Product Description

Mouse polyclonal antibody raised against a full-length human IRF3 protein.

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen               | IRF3 (NP_001562.1, 1 a.a. ~ 427 a.a) full-length human protein.                                                                                                                                                                                                                                                                                                                                                                                                |
| Sequence                | MGTPKPRILPWLVSQDLGQLEGVAWVNKSRTFRIPWKHGLRQDAQQEDFGIFQAWAEATGAY<br>VPGRDKPDLPWKRNFERSALNRKEGLRLAEDRSKDPHDPHKIYEFVNSGVGDFSQPDTSPTDN<br>GGGSTSDTQEDILDELLGNMVLAPLPDPGPPSLAVAPEPCPQPLRSPSLDNPTFPNLGPSENP<br>LKRLLVPGEEWEFEVTA FYRGRQVFQQTISCPEGLRLVGSEVGDRTLPGWVPTLPDPGMSLTDR<br>GVMSYVRHVLSCLGGLALWRAGQWLWAQRLGHCHTYWAVSEELLPNSGHGPDGEVPKDKE<br>GGVFDLGPFMDLITFTEGSGRSPRYALWFCVGESWPQDQPWTKRLVMVKVVPTCLRALVEMAR<br>VGGASSENTVDLHISNSHPLSLTSDQYKAYLQDLVEGMDFQGPGES |
| Host                    | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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.                                                                                                                                                                                                                                                                                                                                                                                       |

## Applications

- Western Blot (Tissue lysate)

IRF3 MaxPab polyclonal antibody. Western Blot analysis of IRF3 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of IRF3 expression in transfected 293T cell line ([H00003661-T01](#)) by IRF3 MaxPab polyclonal antibody.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to IRF3 on HeLa cell. [antibody concentration 10 ug/ml]

## Gene Info — IRF3

|                     |                             |
|---------------------|-----------------------------|
| Entrez GeneID       | <a href="#">3661</a>        |
| GeneBank Accession# | <a href="#">NM_001571.2</a> |
| Protein Accession#  | <a href="#">NP_001562.1</a> |

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name          | IRF3                                                                                                                                                                                                                                                                                                                                                                                                                |
| Gene Alias         | -                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Gene Description   | interferon regulatory factor 3                                                                                                                                                                                                                                                                                                                                                                                      |
| Omim ID            | <a href="#">603734</a>                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Summary       | IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. [provided by RefSeq] |
| Other Designations | -                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Pathway

- [Toll-like receptor signaling pathway](#)

## Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)

- [Lupus Erythematosus](#)
- [Neutropenia](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Thrombocytopenia](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)