

## Rabbit IRF1 Polyclonal Antibody | anti-IRF1 antibody

Anti-IRF1 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                                                         |
|-----------|--------|-------------------|----------------------------------------------------------------------------------------------------------------------|
| AAA125402 | Rabbit | Human, Mouse, Rat | ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

IRF1; Polyclonal Antibody; Anti-IRF1 Antibody; Interferon regulatory factor 1; IRF-1; anti-IRF1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse, Rat                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                       |
| Isotype                                        | IgG                                                                                                                                                                                                              |
| Specificity                                    | No cross reactivity with other proteins.                                                                                                                                                                         |
| Purity/Purification                            | Immunogen affinity purified.                                                                                                                                                                                     |
| Form/Format                                    | Lyophilized<br>Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg NaN <sub>3</sub> .                                                                                  |
| Sequence Length                                | 325                                                                                                                                                                                                              |
| Applicable Applications for anti-IRF1 antibody | ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)                                                               |
| Immunogen                                      | E Coli-derived human IRF1 recombinant protein (Position: M170-L315).                                                                                                                                             |
| Reconstitution                                 | Add 0.2ml of distilled water will yield a concentration of 500ug/ml.                                                                                                                                             |
| Preparation and Storage                        | Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing. |

### IMAGES

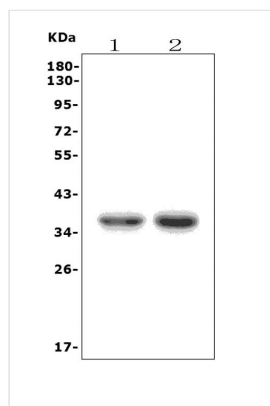
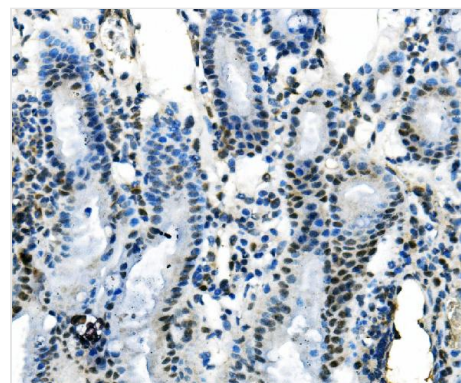
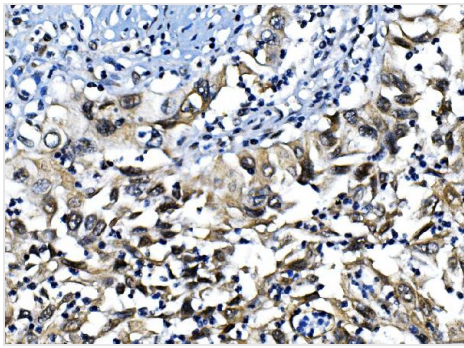
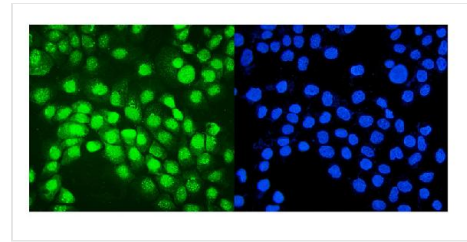

**WB (Western Blot)**

Figure 1. Western blot analysis of IRF1 using anti-IRF1 antibody.

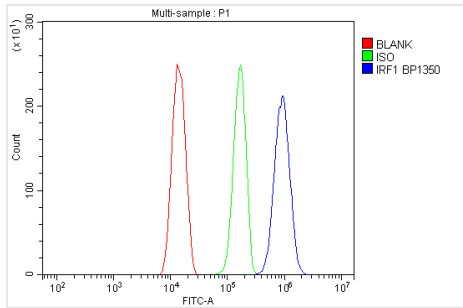

**IHC (Immunohistochemistry)**



IHC (Immunohistochemistry)



IF (Immunofluorescence)



FCM/FACS (Flow Cytometry)

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-IRF1 antibody</b> | <p>Description: Rabbit IgG polyclonal antibody for IRF1 detection. Tested with WB, IHC-P, ICC/IF, FCM, Direct ELISA in Human; Mouse; Rat.</p> <p>Background: Interferon regulatory factor 1, also known as MAR is a protein that in humans is encoded by the IRF1 gene. The IRF1 gene is mapped to chromosome 5q31.1 by pulsed-field gel electrophoresis. IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression.</p> |
| <b>References</b>                                         | <ol style="list-style-type: none"> <li>1. Harada, H., Willison, K., Sakakibara, J., Miyamoto, M., Fujita, T., Taniguchi, T. Absence of the type I IFN system in EC cells: transcriptional activator (IRF-1) and repressor (IRF-2) genes are developmentally regulated. Cell 63: 303-312, 1990.</li> <li>2. Itoh, S., Harada, H., Nakamura, Y., White, R., Taniguchi, T. Assignment of the human interferon regulatory factor-1 (IRF1) gene to chromosome 5q23-q31. Genomics 10: 1097-1099, 1991.</li> <li>3. Ko, J., Gendron-Fitzpatrick, A., Splitter, G. A. Susceptibility of IFN regulatory factor-1 and IFN consensus sequence binding protein-deficient mice to brucellosis. J. Immun. 168: 2433-2440, 2002.</li> </ol>                                                                                                                                    |

## NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 4504721                                  |
| NCBI GeneID                      | 3659                                     |
| NCBI Accession #                 | NP_002189.1                              |
| NCBI GenBank Nucleotide #        | NP_002189.1                              |
| UniProt Accession #              | P10914                                   |
| NCBI Official Full Name          | interferon regulatory factor 1 isoform 1 |
| NCBI Official Synonym Full Names | interferon regulatory factor 1           |
| NCBI Official Symbol             | IRF1                                     |

|                               |                                |
|-------------------------------|--------------------------------|
| NCBI Official Synonym Symbols | MAR; IRF-1                     |
| NCBI Protein Information      | interferon regulatory factor 1 |
| UniProt Protein Name          | Interferon regulatory factor 1 |
| UniProt Gene Name             | <b>IRF1</b>                    |
| UniProt Synonym Gene Names    | IRF-1                          |
| UniProt Entry Name            | IRF1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/irf1-antibody-direct-elisa-flow-cytometry-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/125402>