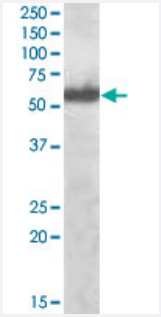
# IRF5 polyclonal antibody

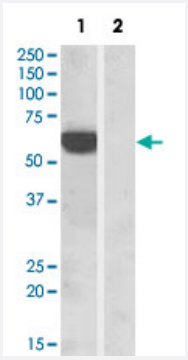
Catalog # PAB6227 Size 100 ug

## Applications




### Western Blot (Cell lysate)

IRF5 polyclonal antibody (Cat # PAB6227) staining (2 ug/mL) of A-549 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.




### Western Blot (Transfected lysate)

HEK293 overexpressing human IRF5 and probed with IRF5 polyclonal antibody (Cat # PAB6227) at 1 ug/mL (mock transfection in lane 2) .

## Specification

| | |
|---|---|
| **Product Description** | Goat polyclonal antibody raised against synthetic peptide of IRF5. |
| **Immunogen** | A synthetic peptide corresponding to C-terminus of human IRF5. |
| **Sequence** | C-QGPWPMHPAGMQ |
| **Host** | Goat |
| **Theoretical MW (kDa)** | 57.8 |
| **Reactivity** | Human |

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| | |
|---|---|
| **Specificity** | This antibody is expected to recognize all four reported isoforms (NP_002191.1, NP_1160.32.1, NP_001092097.1, NP_001092099.1). Reported variants represent identical protein: NP_001092101.1, NP_001092098.1, NP_001092097.1 Reported variants represent identical protein: NP_1160.32.1, NP_001092100.1 |
| **Form** | Liquid |
| **Purification** | Antigen affinity purification |
| **Concentration** | 0.5 mg/mL |
| **Recommend Usage** | ELISA (1:32000)<br>Western blot (0.1-0.3 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide) |
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- ChIP
- Western Blot (Cell lysate)

  IRF5 polyclonal antibody (Cat # PAB6227) staining (2 ug/mL) of A-549 lysate (RIPA buffer, 30 ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

- Western Blot (Transfected lysate)

  HEK293 overexpressing human IRF5 and probed with IRF5 polyclonal antibody (Cat # PAB6227) at 1 ug/mL (mock transfection in lane 2) .

## Gene Info — IRF5

| | |
|---|---|
| **Entrez GeneID** | 3663 |
| **Protein Accession#** | NP_002191.1;NP_1160.32.1;NP_001092097.1;NP_001092099.1 |
| **Gene Name** | IRF5 |

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| | |
|---|---|
| **Gene Alias** | SLEB10 |
| **Gene Description** | interferon regulatory factor 5 |
| **Omim ID** | 607218 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a member of the interferon regulatory factor (IRF) family, a group of transcripti on factors with diverse roles, including virus-mediated activation of interferon, and modulation of c ell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are c haracterized by a conserved N-terminal DNA-binding domain containing tryptophan (W) repeats. Alternative splice variants encoding different isoforms exist. [provided by RefSeq |
| **Other Designations** | - |

## Publication Reference

- Interferon regulatory factor 5 represses expression of the Epstein-Barr virus oncoprotein LMP1: braking of the IRF7/LMP1 regulatory circuit.

  Ning S, Huye LE, Pagano JS.

  Journal of Virology 2005 Sep; 79(18):11671.

## Pathway

- Toll-like receptor signaling pathway

## Disease

- Antiphospholipid Syndrome
- Arthritis
- Asthma
- Atherosclerosis
- Autoimmune Diseases
- Behcet Syndrome
- Bronchiolitis

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- Cardiovascular Diseases
- Carotid Stenosis
- Cerebral Hemorrhage
- Diabetes Mellitus
- Disease Progression
- Edema
- Endometriosis
- Fibrosis
- Genetic Predisposition to Disease
- Giant Cell Arteritis
- Glomerulonephritis
- Hemophilia A
- Hypertension
- Infant
- Inflammation
- Inflammatory Bowel Diseases
- Intracranial Hemorrhages
- Liver Cirrhosis
- Lupus Erythematosus
- Lupus Nephritis
- Multiple Sclerosis
- Myocardial Infarction
- Psoriasis
- Pulmonary Fibrosis
- Respiratory Syncytial Virus Infections
- Scleroderma

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- Stroke
- Subarachnoid Hemorrhage
- Wegener Granulomatosis

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