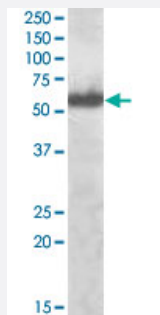


IRF5 polyclonal antibody

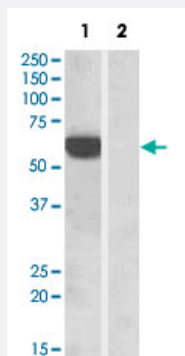
Catalog # PAB6227 Size 100 ug

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

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) Western blot (0.1-0.3 ug/mL) 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. 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

- 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) .
- Enzyme-linked Immunoabsorbent Assay

Gene Info — IRF5

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

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 transcription factors with diverse roles, including virus-mediated activation of interferon, and modulation of cell growth, differentiation, apoptosis, and immune system activity. Members of the IRF family are characterized 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](#)

- [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](#)

- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Wegener Granulomatosis](#)