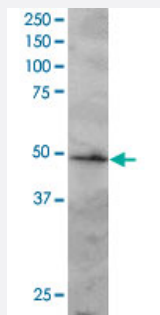


IRF2 polyclonal antibody

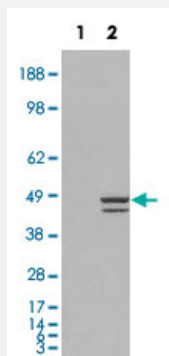
Catalog # PAB6225 Size 100 ug

Applications



Western Blot (Cell lysate)

IRF2 polyclonal antibody (Cat # PAB6225) staining (2 ug/mL) of Jurkat 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 IRF2 and probed with IRF2 polyclonal antibody (Cat # PAB6225) (mock transfection in first lane), tested by Origene.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of IRF2.
Immunogen	A synthetic peptide corresponding to C-terminus of human IRF2.
Sequence	KTSDITQARVKSC
Host	Goat
Theoretical MW (kDa)	39.3
Reactivity	Human, Mouse

Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:2000) Western blot (1-3 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

- Western Blot (Cell lysate)

IRF2 polyclonal antibody (Cat # PAB6225) staining (2 ug/mL) of Jurkat 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 IRF2 and probed with IRF2 polyclonal antibody (Cat # PAB6225) (mock transfection in first lane), tested by Origene.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — IRF2

Entrez GeneID	3660
Protein Accession#	NP_002190.2
Gene Name	IRF2
Gene Alias	DKFZp686F0244, IRF-2
Gene Description	interferon regulatory factor 2
Omim ID	147576
Gene Ontology	Hyperlink

Gene Summary

IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. [provided by RefSeq]

Other Designations

-

Publication Reference

- [Bacterial ligand of TLR2 signals Stat activation via induction of IRF1/2 and interferon-alpha production.](#)

Liljeroos M, Vuolteenaho R, Rounioja S, Henriques-Normark B, Hallman M, Ojaniemi M.

Cellular Signalling 2008 Jul; 20(10):1873.

Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis B](#)
- [Hepatitis C](#)
- [Hypersensitivity](#)
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