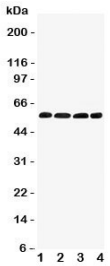
IRF5 Antibody (R31332)

Catalog No.	Formulation	Size
R31332	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q13568
Applications	Western blot: 0.5-1ug/ml
Limitations	This IRF5 antibody is available for research use only.



Western blot testing of IRF5 antibody and Lane 1: human placenta; 2: rat thymus; 3: (r) kidney; 4: (r) ovary tissue lysate. Expected/observed molecular weight ~57kDa.

Description

Interferon regulatory factor 5, also called SLEB10, is a protein that in humans is encoded by the IRF5 gene. 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. Multiple transcript variants encoding different isoforms have been found for this gene, and a 30-nt indel polymorphism (SNP rs60344245) can result in loss of a 10-aa segment. This gene is a transcription factor involved in the induction of interferons IFNA and INFB and inflammatory cytokines upon virus infection.

For a broader overview of IRF5 biology and additional validated products, visit our IRF5 Antibody / Innate Immune Transcription Factor Antibody page.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IRF5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human Interferon regulatory factor 5 (EQFKELHHIWQSQQRLQ) was used as the immunogen for this IRF5 antibody (100% rat homology).

Storage

After reconstitution, the IRF5 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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