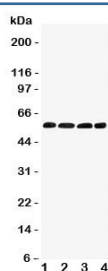


## IRF5 Antibody (R31332)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q13568
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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.

## 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.