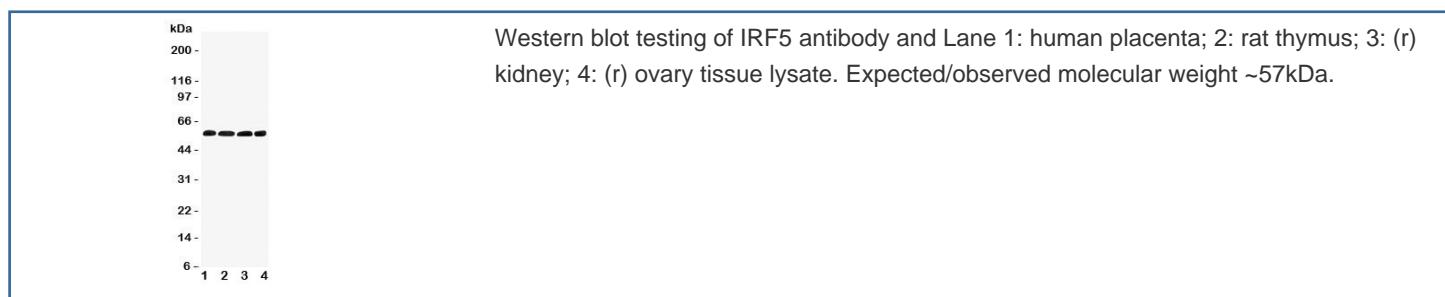


## IRF5 Antibody (R31332)

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.



## 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.