

IRF9 Antibody (R32622)

Catalog No.	Formulation	Size
R32622	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q00978
Applications	Western blot : 0.5-1ug/ml
Limitations	This IRF9 antibody is available for research use only.



Western blot testing of human U87 cell lysate with IRF9 antibody at 0.5ug/ml. Predicted molecular weight: 44-48 kDa.

Description

Interferon regulatory factor 9 is a protein that in humans is encoded by the IRF9 gene, previously known as ISGF3G. It is mapped to 14q1. IRF9 is a 48 kDa member of the IRF family of proteins. It is widely expressed, and serves as a component of the ISGF3 complex. In addition, IRF9 is an interferon-dependent, positive-acting transcription factor that is cytoplasmically activated, possibly through direct interaction with the interferon receptor. It associates with activated STAT1 and STAT2 to

form an ISGF3 complex that is translocated into the nucleus.

Application Notes

Optimal dilution of the IRF9 antibody should be determined by the researcher.

Immunogen

A human recombinant protein corresponding to amino acids M1-K110 was used as the immunogen for the IRF9 antibody.

Storage

After reconstitution, the IRF9 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.