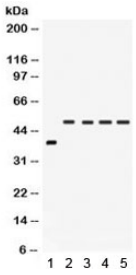
IRF2 Antibody (R31965)

Catalog No.	Formulation	Size
R31965	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, 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
UniProt	P14316
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This IRF2 antibody is available for research use only.



Western blot testing of 1) rat intestine and human 2) SW620, 3) COLO320, 4) HeLa and 5) A549 lysate with IRF2 antibody. Estimated molecular weight: ~39 kDa but routinely observed at 39-50 kDa.

Description

Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and represses those genes. Also acts as an activator for several genes including H4 and IL7. Constitutively binds to the ISRE promoter to activate IL7. Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth. Antagonizes IRF1 transcriptional activation. [UniProt]

Application Notes

Optimal dilution of the IRF2 antibody should be determined by the researcher.

Immunogen

Amino acids MTPASSSSRPDRETRASVIKKTSDITQARVKS of human IRF2 were used as the immunogen for the IRF2 antibody.

Storage

After reconstitution, the IRF2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.