

Datasheet for ABIN7156637
anti-IRF9 antibody (AA 44-180)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	IRF9
Binding Specificity:	AA 44-180
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interferon regulatory factor 9 protein (44-180AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	IRF9
Alternative Name:	IRF9 (IRF9 Products)
Background:	Background: Transcription factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are

Target Details

activated, leading to tyrosine phosphorylation of STAT1 and STAT2. IRF9/ISGF3G associates with the phosphorylated STAT1:STAT2 dimer to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.

Aliases: IFN alpha responsive transcription factor subunit antibody, IFN-alpha-responsive transcription factor subunit antibody, Interferon regulatory factor 9 antibody, interferon stimulated transcription factor 3 antibody, Interferon-stimulated gene factor 3 gamma antibody, interferon-stimulated transcription factor 3, gamma 48 kDa antibody, IRF 9 antibody, IRF-9 antibody, Irf9 antibody, IRF9_HUMAN antibody, ISGF 3 gamma antibody, ISGF-3 gamma antibody, ISGF3 antibody, ISGF3 p48 subunit antibody, ISGF3G antibody, OTTHUMP00000164692 antibody, OTTHUMP00000164693 antibody, p48 antibody, Transcriptional regulator ISGF3 subunit gamma antibody

UniProt: [Q00978](#)

Pathways: [JAK-STAT Signaling](#), [Interferon-gamma Pathway](#), [Hepatitis C](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

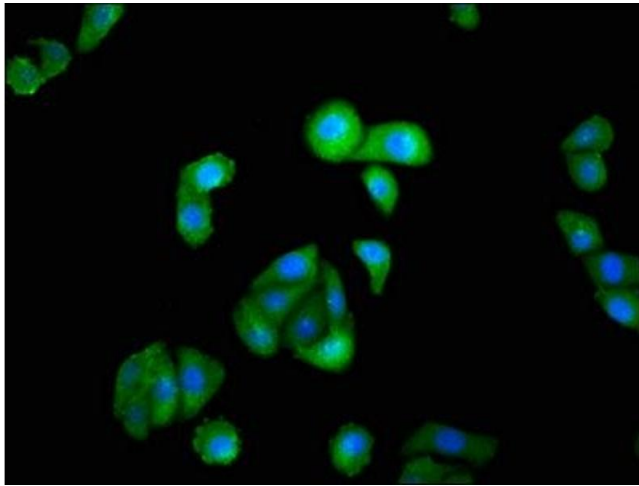
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

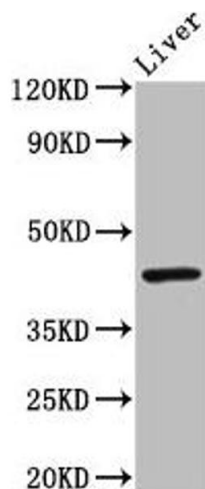
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7156637 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Mouse liver tissue All lanes: IRF9 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 44 kDa Observed band size: 44 kDa