

Datasheet for ABIN7115377 **anti-IRF9 antibody**

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Overview

Quantity:	100 µg
Target:	IRF9
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	interferon regulatory factor 9
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	IRF9
Alternative Name:	IRF9 (IRF9 Products)
Background:	Synonyms:interferon regulatory factor 9, IRF 9, IRF9, ISGF 3 gamma, ISGF3, ISGF3 p48 subunit, ISGF3G, p48 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

Target Details

JAK1) are 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.

Molecular Weight:	48kd
Gene ID:	10379
UniProt:	Q00978
Pathways:	JAK-STAT Signaling , Interferon-gamma Pathway , Hepatitis C

Application Details

Application Notes:	WB: 1:500-1:1000, IP: 1:500-1:1000, IHC: 1:50-1:500, IF: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months