

## IRF9 Antibody (N-term)

Catalog_no :	AB0970
Applications :	WB, IHC-P, FC
Reactivity :	M
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:75-104
Specificity :	This IRF9 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 75-104 amino acids from the N-terminal region of human IRF9.
Dilution :	WB,1:2000;WB,1:1000;IHC-P,1:10~50;IF,1:10~50;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Interferon regulatory factor 9, IRF-9, IFN-alpha-responsive transcription factor subunit, ISGF3 p48 subunit, Interferon-stimulated gene factor 3 gamma, ISGF-3 gamma, Transcriptional regulator ISGF3 subunit gamma, IRF9, ISGF3G
Isotype :	Rabbit Ig
Background :	IRF9 is a transcription regulatory 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 activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G 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.
reference :	Maiwald, T., et al. FEBS J. 277(22):4741-4754(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Watanabe, T., et al. J. Clin. Invest. 120(5):1645-1662(2010) Mosbrugger, T.L., et al. J. Infect. Dis. 201(9):1371-1380(2010) Jugessur, A.,