

Product datasheet for **TA364500**

Interferon regulatory factor 9 (IRF9) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human IRF9
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	44 kDa
Gene Name:	interferon regulatory factor 9
Database Link:	Entrez Gene 10379 Human Q00978

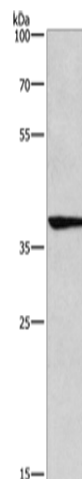
Background: Interferon regulatory factor 9 is a protein that in humans is encoded by the IRF9 gene, previously known as ISGF3G. Transcription regulatory factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and 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.

Synonyms: IRF-9; ISGF3; ISGF3G; p48



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Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse heart tissue
Primary antibody: TA364500 (IRF9 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 minutes