

Anti-ISGF3 / IRF9 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18321**Specification**

Anti-ISGF3 / IRF9 Antibody - Product Information

Application	WB, IHC-P, IF, IP
Primary Accession	Q00978
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	43696

Anti-ISGF3 / IRF9 Antibody - Additional Information**Gene ID** 10379**Alias Symbol** IRF9**Other Names**

IRF9, Interferon regulatory factor 9, ISGF3 p48 subunit, ISGF3G, p48, IRF-9, ISGF3, ISGF-3 gamma

Target/Specificity

Human ISGF3 / IRF9

Reconstitution & Storage

Affinity purified

Precautions

Anti-ISGF3 / IRF9 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-ISGF3 / IRF9 Antibody - Protein Information**Name** IRF9**Synonyms** ISGF3G**Function**

Transcription factor that plays an essential role in anti- viral immunity. It 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. 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.

Cellular Location

Cytoplasm. Nucleus Note=Translocated into the nucleus upon activation by IFN-alpha/beta

Anti-ISGF3 / IRF9 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-ISGF3 / IRF9 Antibody - Images