

Datasheet for ABIN967285
anti-IRF3 antibody (AA 56-427)



[Go to Product page](#)

1 Image **8** Publications

Target Details

Target:	IRF3
Alternative Name:	IRF-3 (IRF3 Products)
Background:	Viral infection in mammals can lead to the induction of multiple pathways as part of the host defense mechanism. One of the major pathways activated is the JAK-STAT pathway by various interferons (IFNalpha and IFNbeta). These IFNs exert their influence via transcriptional activation of specific target genes involved in antiviral defense, for example the chemokine ISG15 gene or the major histocompatibility complex class I and II molecules. These genes in turn are regulated by the JAK-STAT signaling pathway and through interferon regulatory factors (IRFs). IRFs are a family of transcription factors that possess a broad range of activities. IRF-3 is one of nine members which all share a common DNA binding domain which binds to an IFN stimulated response element (ISRE) found in the majority of IFN-inducible promoters. The IRF-3 gene expresses a 50 kDa protein which is constitut

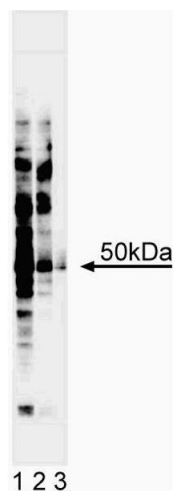
Handling

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:	4 °C

Publications

Product cited in:

Hiscott, Pitha, Genin, Nguyen, Heylbroeck, Mamane, Algarte, Lin: "Triggering the interferon response: the role of IRF-3 transcription factor." in: **Journal of interferon & cytokine research : the official journal of the International Society for Interferon and Cytokine Research**, Vol. 19, Issue 1, pp.



Western Blotting

Image 1. Western blot analysis of IRF-3. Lysates from Jurkat cells were probed with anti-human IR