

**IRF-3 (S386 Phosphorylated) Anti-Human Rabbit IgG Affinity Purify  
Polyclonal Antibody**

**Cat.NO.: PA01265**

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3th Edition

**Description:**Regulatory transcription factor IRF-3 plays a critical role in the regulation of innate immune responses, especially production of IFN- $\alpha/\beta$ , against viral and bacterial infections. IRF-3 is ubiquitously expressed in its inactive form in the cytoplasm. Viral infection induces phosphorylation of the Ser 386 in IRF-3 by IRF-3 kinase (IKK- $\alpha/\beta$ , TBK-1). This phosphorylation induces dimerization of IRF-3 and association with the coactivators CBP/p300, and the complex activates the target genes in the nucleus.

**Antigen:**Synthetic peptide of the Phosphorylated C-terminal part of human IRF-3 (RVGGAS(pS)LEN)

**Form:**Lyophilized product from 1 % BSA in PBS containing 0.05% NaN<sub>3</sub>

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1 $\mu$ g/ml.

**Specificity:**