

Code No. 18783

**Anti-Human
IRF-3 (S386 Phosphorylated) Rabbit IgG Affinity Purify**Volume : 100 µg

Introduction : Regulatory transcription factor IRF-3 plays a critical role in the regulation of innate immune responses, especially production of IFN- α/β , 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- i/ϵ , 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)

Purification : Purified with antigen peptide

Form : Lyophilized product from 1 % BSA in PBS containing 0.05 % NaN₃

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

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

Application : This antibody can be used for western blotting in concentration of about 2 µg /mL. As this antibody is not suitable for western blotting by SDS-PAGE gel, we recommend Native-PAGE.

Reference : 1. Mori M, Yoneyama M, Ito T, Takahashi K, Inagaki F, Fujita T. Identification of Ser-386 of interferon regulatory factor 3 as critical target for inducible phosphorylation that determines activation. J Biol Chem. 2004 Mar 12;279(11):9698-702.

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