

Nur für Forschungszwecke

# Phospho-IRF3 (Ser396) Polyklonaler Antikörper



Katalog-Nr.: 29528-1-AP

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 29528-1-AP	<b>GenBank-Zugangsnummer:</b> BC009395	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 100ul, Konzentration: 600 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 3661	<b>Empfohlene Verdünnungen:</b> WB 1:1000-1:4000
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> interferon regulatory factor 3	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 47 kDa	
	<b>Beobachtete Masse:</b> 50-60 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> WB, ELISA	<b>Positivkontrollen:</b> WB : mit LPS behandelte THP-1-Zellen,
<b>Getestete Reaktivität:</b> Human	

## Hintergrundinformationen

Interferons (IFNs) are a large family of multifunctional secreted proteins involved in antiviral defense, cell growth regulation, and immune activation (PMID: 18440553). A family of IFN regulatory factors (IRFs) have been shown to have a role in the transcription of IFN genes as well as IFN-stimulated genes. IRF3 is a novel key transcriptional regulator of type I IFN-dependent immune responses and involves in the innate immune response against DNA and RNA viruses, by binding to the promoters of IFN. IRF-3 is activated through phosphorylation by the kinases IKKε and/or TBK1. Phosphorylation at Ser396 is essential for IRF-3 activation. After cytoplasmic IRF-3 is phosphorylated at Ser386 and Ser396, phosphorylated IRF-3 translocates into the nucleus. This phosphorylated IRF-3 activates IFN and IFN-responsive genes.

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

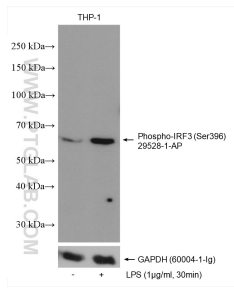
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## Ausgewählte Validierungsdaten



Untreated and LPS treated THP-1 cells were subjected to SDS PAGE followed by western blot with 29528-1-AP (Phospho-IRF3 (Ser396) antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with GAPDH (60004-1-Ig) antibody as loading control.