

# IRF8 Polyklonaler Antikörper

Katalog-Nr.: 24437-1-AP

## Allgemeine Informationen

|                                                                                                                              |                                            |                                                          |
|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------|
| <b>Katalog-Nr.:</b><br>24437-1-AP                                                                                            | <b>GenBank-Zugangsnummer:</b><br>BC126247  | <b>Reinigungsmethode:</b><br>Antigen-Affinitätsreinigung |
| <b>Größe:</b><br>150ul, Konzentration: 750 µg/ml von Nanodrop und 340 µg/ml durch die Bradford-Methode mit BSA als Standard; | <b>GeneID (NCBI):</b><br>3394              | <b>Empfohlene Verdünnungen:</b><br>WB 1:500-1:2000       |
| <b>Wirt:</b><br>Kaninchen                                                                                                    | <b>Vollständiger Name:</b><br>ICSBP1       |                                                          |
| <b>Isotyp:</b><br>IgG                                                                                                        | <b>Berechnete Masse:</b><br>426 aa, 48 kDa |                                                          |
| <b>Immunogen Katalognummer:</b><br>AG19909                                                                                   | <b>Beobachtete Masse:</b><br>50 kDa        |                                                          |

## Anwendungen

|                                           |                                               |
|-------------------------------------------|-----------------------------------------------|
| <b>Geprüfte Anwendungen:</b><br>WB, ELISA | <b>Positivkontrollen:</b><br>WB: Raji-Zellen, |
| <b>Getestete Reaktivität:</b><br>Human    |                                               |

## Hintergrundinformationen

IRFs comprise a family of transcription factors that function within the Jak/Stat pathway to regulate IFN and IFN-inducible gene expression in response to viral infection. IRFs predominantly express in lymphoid tissues and play an important role in pathogen defense, autoimmunity, lymphocyte development, cell growth, and susceptibility to transformation. The IRF family includes nine members: IRF-1, IRF-2, ISGF3γ/p48, IRF-3, IRF-4 (Pip/LSIRF/ICSAT), IRF-5, IRF-6, IRF-7, and IRF-8/ICSBP. All IRF proteins share homology in their amino-terminal DNA-binding domains. IRF family members regulate transcription through interactions with proteins that share similar DNA-binding motifs, such as IFN-stimulated response elements (ISRE), IFN consensus sequences (ICS), and IFN regulatory elements (IRF-E). IRF-8/ICSCP is expressed predominately in hematopoietic cells and is further increased upon treatment with IFN (2111015, 1460054). IRF-8 can function as a transcription repressor of ICS-containing promoters (1460054). Expression of IRF-8 can lead to the down-regulation of the anti-apoptotic protein Bcl-2 (14656881). Originally described as being induced by IFN-γ, IRF-8 expression is also elevated by IRF-α as well as IL-12 in NK and T cells (14581002). IRF-8 deficient mice have enhanced susceptibility to various pathogens and impaired production of IFNs, as well as deregulated hematopoiesis that resembles chronic myelogenous leukemia (9120398). IRF-8 also regulates bone metabolism by suppressing osteoclast formation (19718038). This antibody specifically recognizes the 48kd IRF8 protein.

## Lagerung

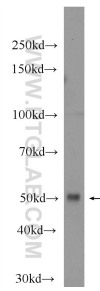
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Ausgewählte Validierungsdaten



Raji cells were subjected to SDS PAGE followed by western blot with 24437-1-AP (IRF8 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.