

Allgemeine Informationen

Katalog-Nr.: 22392-1-AP	GenBank-Zugangsnummer: BC136555	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 3665	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:20-1:200
Wirt: Kaninchen	Vollständiger Name: IRF 7	
Isotyp: IgG	Berechnete Masse: 516 aa, 56 kDa	
Immunogen Katalognummer: AG18059	Beobachtete Masse: 55 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HEK-293-Zellen, IHC : humanes Tonsillitisgewebe,
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus	
Zitierte Arten: Human, Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

IRF-7 (IFN regulatory factor 7) is a member of the IFN regulatory transcription factor (IRF) family. IRF-7 has been shown to play a role in the transcriptional activation of virus-inducible cellular proteins, including IFN beta chain proteins. Inducible expression of IRF-7 is largely restricted to lymphoid tissue. Four transcript variants encoding distinct isoforms (A,B,C and D) have been identified for this (PMID:9786932). The active IRF 7A exists as a dimer form ~80 kDa (PMID:11073981). The MW 67-70 kDa has been reported in some papers (PMID:9786932; 22951831). Various posttranslational modifications of IRF 7 including phosphorylation, ubiquitination, sumoylation and acetylation are identified (PMID:22951831). This antibody is a rabbit polyclonal antibody raised against the C-terminal 349 amino acid residues of human IRF 7 D. The molecular weight of Nonphosphorylated IRF 7 cofractionated with the 44-kDa marker, approximating its predicted size. In contrast, phosphorylated IRF 7, which migrate more slowly on SDS-PAGE. This phosphorylated IRF 7 was consistent with a size of 80 to 90 kDa. (PMID: 11073981)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wei Cao	34011520	J Immunol	WB
Zhangchuan Xia	28356387	J Immunol	WB
Xiao-Ming Lyu	29956500	Cancer Med	WB

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

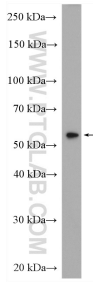
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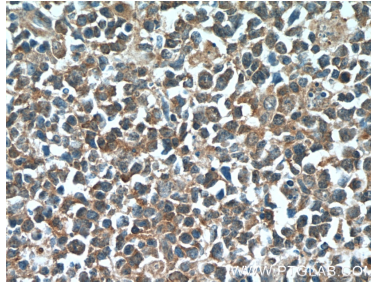
E: proteintech@ptglab.com
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Ausgewählte Validierungsdaten



HEK-293 cells were subjected to SDS PAGE followed by western blot with 22392-1-AP (IRF7 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 22392-1-AP (IRF7 Antibody) at dilution of 1:50 (under 40x lens).