

## Allgemeine Informationen

<b>Katalog-Nr.:</b> 12016-1-AP	<b>GenBank-Zugangsnummer:</b> BC018349	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 550 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 10320	<b>Empfohlene Verdünnungen:</b> WB 1:500-1:2400 IP 0.5-4.0 ug für IP und 1:500-1:1000 für WB IHC 1:20-1:200
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> IKAROS family zinc finger 1 (Ikaros)	
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 477 aa, 53 kDa	
<b>Immunogen Katalognummer:</b> AG2631	<b>Beobachtete Masse:</b> 53 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IHC, IP, WB,ELISA	<b>Positivkontrollen:</b> WB : HeLa-Zellen, IP : HeLa-Zellen, IHC : humanes Lymphomgewebe,
<b>In Publikationen genannte Anwendungen:</b> CoIP, IHC, WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Maus	
<b>Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

IKZF1, also known as DNA-binding protein Ikaros, Belongs to the Ikaros C2H2-type zinc-finger protein family. The N-terminal zinc-fingers 2 and 3 are required for DNA binding as well as for targeting IKZF1 to pericentromeric heterochromatin. The C-terminal zinc-finger domain is required for dimerization. IKZF1 is abundantly expressed in thymus, spleen and peripheral blood Leukocytes and lymph nodes. IKZF1 is localized in nucleus. IKZF1 as a transcription regulator of hematopoietic cell differentiation binds gamma-satellite DNA and plays a role in the development of lymphocytes, B- and T-cells. Binds and activates the enhancer (delta-A element) of the CD3-delta gene. IKZF1 is a repressor of the TDT (fizzterminal deoxynucleotidyltransferase) gene during thymocyte differentiation. IKZF1 exists some isoforms with MV 58kDa, 48kDa, 48kDa, 43kDa, 41kDa, 32kDa and 53kDa, respectively.

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Konstantinos Dimopoulos	29718735	Leuk Lymphoma	IHC
Morgann Klink	33807974	Cancers (Basel)	WB
Yan Sun	28698179	Circ Res	CoIP

## 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.

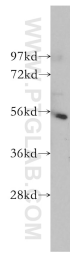
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

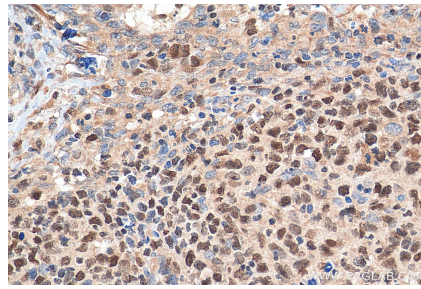
For technical support and original validation data for this product please contact:  
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
 E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
 W: [ptglab.com](http://ptglab.com)

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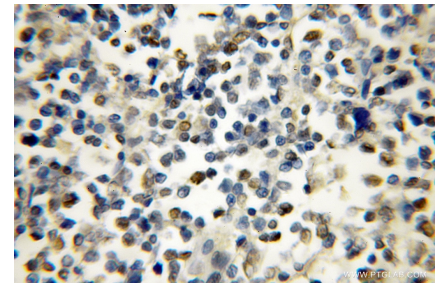
## Ausgewählte Validierungsdaten



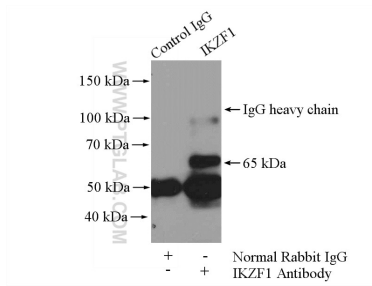
HeLa cells were subjected to SDS PAGE followed by western blot with 12016-1-AP (IKZF1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 12016-1-AP (IKZF1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma using 12016-1-AP (IKZF1 antibody) at dilution of 1:50 (under 10x lens).



IP Result of anti-IKZF1 (IP:12016-1-AP, 4ug;  
Detection:12016-1-AP 1:500) with HeLa cells lysate  
1200ug.