

For Research Use Only

# Aiolos/IKZF3 Polyclonal antibody, PBS Only

Catalog Number: 19055-1-PBS



## Basic Information

<b>Catalog Number:</b> 19055-1-PBS	<b>GenBank Accession Number:</b> BC032707	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 22806	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UKT9	
<b>Isotype:</b> IgG	<b>Full Name:</b> IKAROS family zinc finger 3 (Aiolos)	
<b>Immunogen Catalog Number:</b> AG5537	<b>Calculated MW:</b> 509 aa, 58 kDa	
	<b>Observed MW:</b> 58-70 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

IKZF3, also named as Zinc finger protein Aiolos or ZNFN1A3, is a 509 amino acid protein, which contains 6 C2H2-type zinc fingers and belongs to the Ikaros C2H2-type zinc-finger protein family. IKZF3 localizes in the nucleus and cytoplasm. IKZF3 can form homodimer, and heterodimer with other IKAROS family members. IKZF3 is expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus. IKZF3 as a transcription factor plays an important role in the regulation of lymphocyte differentiation. The calculated molecular weight of IKZF3 is 58 kDa, but the modified IKZF3 protein is about 65-70 kDa.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

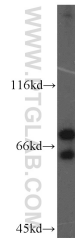
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

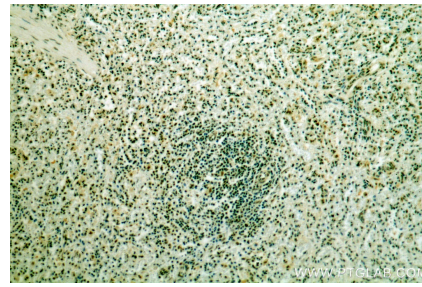
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

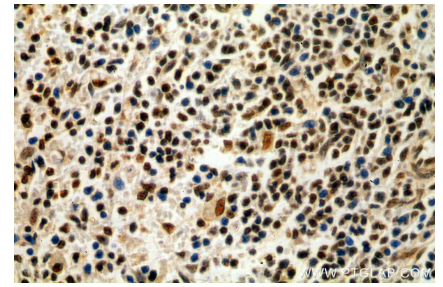
## Selected Validation Data



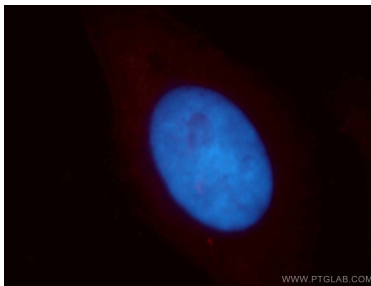
HepG2 cells were subjected to SDS PAGE followed by western blot with 19055-1-AP (IKZF3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19055-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human spleen using 19055-1-AP (IKZF3 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 19055-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human spleen using 19055-1-AP (IKZF3 antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 19055-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HepG2 cells, using IKZF3 antibody 19055-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye). This data was developed using the same antibody clone with 19055-1-PBS in a different storage buffer formulation.