

**IKZF3 Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP5656C****Specification**

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**IKZF3 Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O9UKT9</a>
Other Accession	<a href="#">A2VDW9</a> , <a href="#">NP_036613.2</a>
Reactivity	Human, Mouse
Predicted	Bovine
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	76-103

**IKZF3 Antibody (Center) - Additional Information****Gene ID** 22806**Other Names**

Zinc finger protein Aiolos, Ikaros family zinc finger protein 3, IKZF3, ZNFN1A3

**Target/Specificity**

This IKZF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-103 amino acids from the Central region of human IKZF3.

**Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

IKZF3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**IKZF3 Antibody (Center) - Protein Information****Name** IKZF3**Synonyms** ZNFN1A3

**Function** Transcription factor that plays an important role in the regulation of lymphocyte differentiation. Plays an essential role in regulation of B-cell differentiation, proliferation and maturation to an effector state. Involved in regulating BCL2 expression and controlling apoptosis in T-cells in an IL2-dependent manner.

**Cellular Location**

Nucleus. Cytoplasm [Isoform 3]: Nucleus [Isoform 14]: Nucleus. Cytoplasm

**Tissue Location**

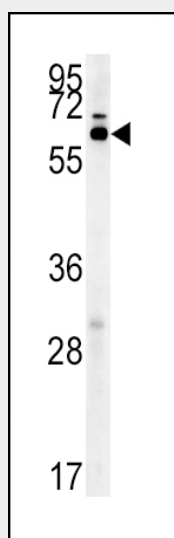
Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.

**IKZF3 Antibody (Center) - Protocols**

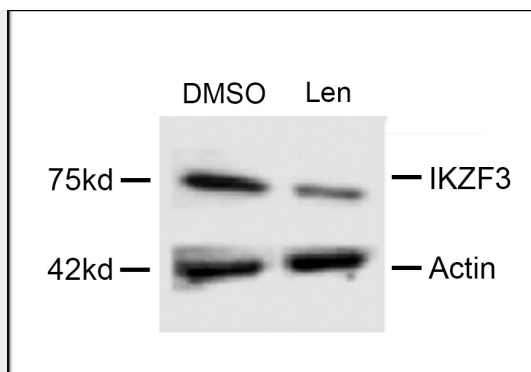
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**IKZF3 Antibody (Center) - Images**



IKZF3 Antibody (Center) (Cat. #AP5656c) western blot analysis in mouse liver tissue lysates (15ug/lane). This demonstrates the IKZF3 antibody detected IKZF3 protein (arrow).



Western blot analysis of extracts from MM cells, treated with DMSO or lenalidomide, using rabbit polyclonal IKZF3 Antibody (Center) (Cat. #AP5656c).

### **IKZF3 Antibody (Center) - Background**

This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This gene product is a transcription factor that is important in the regulation of B lymphocyte proliferation and differentiation. Both Ikaros and Aiolos can participate in chromatin remodeling. Regulation of gene expression in B lymphocytes by Aiolos is complex as it appears to require the sequential formation of Ikaros homodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. At least six alternative transcripts encoding different isoforms have been described.

### **IKZF3 Antibody (Center) - References**

Billot, K., et al. Leuk. Res. 34(3):289-293(2010)  
Hirschfield, G.M., et al. N. Engl. J. Med. 360(24):2544-2555(2009)  
Mavaddat, N., et al. Cancer Epidemiol. Biomarkers Prev. 18(1):255-259(2009)  
Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008)