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IKZF3 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5656C

Specification

IKZF3 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	O9UKT9
Other Accession	A2VDW9, NP_036613.2
Reactivity	**Human, Mouse**
Predicted	**Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
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

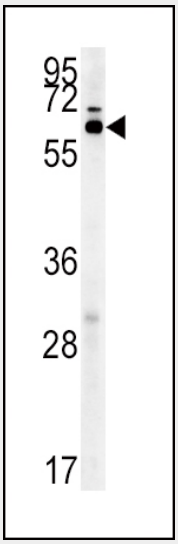
Target/Specificity
This IKZF3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-103 amino acids from the Central region of human IKZF3.

Dilution
WB~~1:1000

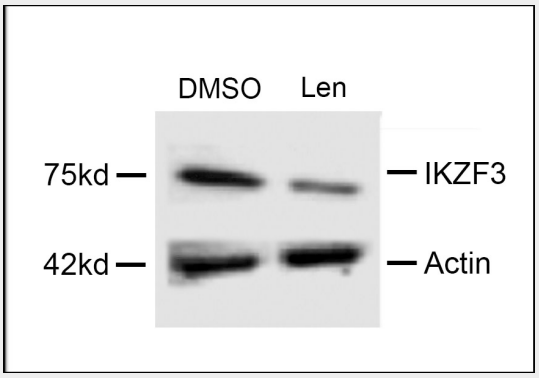
Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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



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

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.

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 Cytomety
- Cell Culture

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

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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)