10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

IKZF3 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5656c

Specification

IKZF3 Antibody (Center) Blocking peptide - Product Information

Primary Accession	Q9UKT9
Other Accession	NP_036613.2

IKZF3 Antibody (Center) Blocking peptide - Additional Information

Gene ID 22806

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

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

IKZF3 Antibody (Center) Blocking peptide - 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) Blocking peptide - Protocols

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

- Blocking Peptides

IKZF3 Antibody (Center) Blocking peptide - Images

IKZF3 Antibody (Center) Blocking peptide - Background

This gene encodes a member of the Ikaros family ofzinc-finger proteins. Three members of this protein family (Ikaros,Aiolos and Helios) are hematopoietic-specific transcription factorsinvolved in the regulation of lymphocyte development. This geneproduct is a transcription factor that is important in theregulation of B lymphocyte proliferation and differentiation. BothIkaros and Aiolos can participate in chromatin remodeling.Regulation of gene expression in B lymphocytes by Aiolos is complexas it appears to require the sequential formation of Ikaroshomodimers, Ikaros/Aiolos heterodimers, and Aiolos homodimers. Atleast six alternative transcripts encoding different isoforms havebeen described.

IKZF3 Antibody (Center) Blocking peptide - 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)