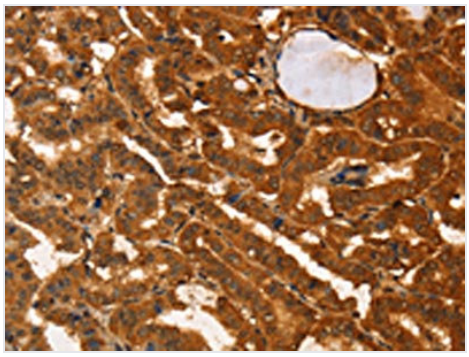
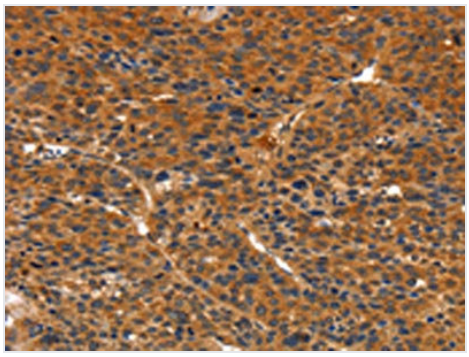
IKZF3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	IKZF3, Polyclonal Antibody
Full Product Name	IKZF3 Antibody
Product Gene Name	anti-IKZF3 antibody
Product Synonym Names	IKAROS family zinc finger 3 (Aiolos)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	58,023 Da
Chromosome Location	Chromosome: 17; NC_000017.10 (37913968..38020441, complement). Location: 17q21
OMIM	606221
3D Structure	ModBase 3D Structure for Q9UKT9
Immunogen	Fusion protein of human IKZF3
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-IKZF3 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-IKZF3 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-IKZF3 antibody	ELISA: 1:1000-1:5000 IHC: 1:50-1:200
Related Product Information for anti-IKZF3 antibody	MBS7125087 is an antibody targeting IKZF3. Also known as IKZF3 Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-IKZF3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-IKZF3 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MBS7125087(IKZF3 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry (IHC)-Paraffin of anti-IKZF3 antibody
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using MBS7125087(IKZF3 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IKZF3. It may not necessarily be applicable to this product.

NCBI GI #	383872639
NCBI GeneID	22806
NCBI Accession #	NP_001244337.1
UniProt Primary Accession #	Q9UKT9
UniProt Secondary Accession #	Q69BL6; Q69BL7; Q69BL8; Q69BL9; Q69BM0; Q69BM1; Q69BM2; Q69BM3; Q69BM5; Q8N574; Q8WWQ9
UniProt Related Accession #	Q9UKT9
GenBank Nucleotide #	NM_001257408.1
NCBI Official Full Name	zinc finger protein Aiolos isoform 7
NCBI Official Synonym Full Names	IKAROS family zinc finger 3 (Aiolos)
NCBI Official Symbol	IKZF3
NCBI Official Synonym Symbols	AIO; AIOLOS; ZNFN1A3
UniProt Protein Name	Zinc finger protein Aiolos
UniProt Synonym Protein Names	Ikaros family zinc finger protein 3
Protein Family	Zinc finger protein
UniProt Gene Name	IKZF3
UniProt Synonym Gene Names	ZNFN1A3
UniProt Entry Name	IKZF3_HUMAN
NCBI Protein Information	zinc finger protein Aiolos; zinc finger protein, subfamily 1A, 3 (Aiolos)
NCBI Summary for IKZF3	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. Several alternative transcripts encoding different isoforms have been described, as well as some non-protein coding variants. [provided by RefSeq, Apr 2012]

UniProt Comments for IKZF3	Aiolos: a transcription factor of the ikaros C2H2-type zinc-finger protein family. Plays an important role in the regulation of lymphocyte differentiation. Deletions in Aiolos have been observed in a subset of pre-B-cell acute lymphoblastic leukemia (B-ALL) cases. 6 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription factor; C2H2-type zinc finger protein; DNA-binding Chromosomal Location of Human Ortholog: 17q21 Cellular Component: cytoplasm; plasma membrane; nucleus Molecular Function: protein binding; protein homodimerization activity; protein heterodimerization activity; sequence-specific DNA binding; metal ion binding; transcription factor activity Biological Process: regulation of apoptosis; regulation of transcription from RNA polymerase II promoter; transcription, DNA-dependent; B cell activation; regulation of lymphocyte differentiation; regulation of B cell differentiation; regulation of B cell proliferation; mesoderm development
Research Articles on IKZF3	**1.** Sixteen SNPs were significantly associated with asthma of which one SNP was novel (IKZF3-rs1453559).
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