

Rabbit anti-Human, Mouse IKZF3 Polyclonal Antibody | anti-IKZF3 antibody

IKZF3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324164	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

IKZF3; Polyclonal Antibody; IKZF3 Antibody; AIO; Aiolos; IKAROS family zinc finger 3 (Aiolos); IKAROS family zinc finger 3; Ikaros family zinc finger protein 3; IKZF 3; IKZF3_HUMAN; zinc finger DNA binding protein Aiolos; Zinc finger protein Aiolos; Zinc finger protein subfamily 1A 3 (Aiolos); Zinc finger protein subfamily 1A 3; Zinc finger protein subfamily 1A; member 3; ZNFN1A3; anti-IKZF3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	IKZF3 antibody detects endogenous levels of total IKZF3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	475
Applicable Applications for anti-IKZF3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus. Cytoplasm.
Tissue Specificity	Expressed most strongly in peripheral blood leukocytes, the spleen, and the thymus.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (90%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from COLO cells, using IKZF3 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324164 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-IKZF3 antibody	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. Subunit Structure: Homodimer, and heterodimer with other IKAROS family members. Interacts with IKZF4 AND IKZF5. Interacts with IKZF1. Interacts with HRAS. Interacts with FOXP3; this interaction may be required for silencing target genes and regulating the suppressive activity of FOXP3-positive regulatory T-cells (Treg). Interacts with BCL21L isoform Bcl-X(L); this interaction blocks the anti-apoptotic role of BCL21L. Associates with histone deacetylase complexes containing HDAC1, MTA2 and SIN3A. Post-translational Modifications: Phosphorylation on tyrosine residues induced by IL2 is required for dissociation from HRAS and nuclear translocation of IKZF3 in T-cells. Phosphorylation on tyrosine residues induced by IL4 is required for dissociation from Bcl-X(L) in T-cells. Similarity: Belongs to the Ikaros C2H2-type zinc-finger protein family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	383872639
NCBI GeneID	22806
NCBI Accession #	NP_001244337.1
NCBI GenBank Nucleotide #	NM_001257408.1
UniProt Accession #	Q9UKT9; Q69BL6; Q69BL7; Q69BL8; Q69BL9; Q69BM0; Q69BM1; Q69BM2; Q69BM3; Q69BM5; Q8N574; B4DVV5
Molecular Weight	Observed: 62 kD Predicted: 59 kDa
NCBI Official Full Name	zinc finger protein Aiolos isoform 7
NCBI Official Synonym Full Names	IKAROS family zinc finger 3
NCBI Official Symbol	IKZF3
NCBI Official Synonym Symbols	AIO; AIOLOS; ZNFN1A3
NCBI Protein Information	zinc finger protein Aiolos
UniProt Protein Name	Zinc finger protein Aiolos
UniProt Gene Name	IKZF3
UniProt Synonym Gene Names	ZNFN1A3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.