

## 锌指蛋白 Aiolos 抗体

产品货号： MLR-2954

英文名称： IKZF3

中文名称： 锌指蛋白 Aiolos 抗体

别名： Aiolos; IKAROS family zinc finger 3 (Aiolos); IKAROS family zinc finger 3; Ikaros family zinc finger protein 3; IKZF 3; IKZF3; IKZF3\_HUMAN; Zinc finger protein Aiolos; Zinc finger protein subfamily 1A 3 (Aiolos); Zinc finger protein subfamily 1A 3; ZNFN1A3.

研究领域： 染色质和核信号 信号转导 表观遗传学

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 58kDa

细胞定位 : 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human IKZF3 corresponding to amino acids:251-350/509

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

**产品介绍：** IKZF3 belongs to the Ikaros family of zinc-finger proteins. Members of this family are transcription factors that play an important role in the regulation of lymphocyte differentiation. They are involved in the control of gene expression and when associated with nuclear complexes, participate in nucleosome remodeling. IKZF3 is important in the regulation of B lymphocyte proliferation and differentiation.

**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:**

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.

**Subcellular Location:**

Nucleus. Cytoplasm.

**Tissue Specificity:**

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

**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.

Contains 6 C2H2-type zinc fingers.

**SWISS:**

Q9UKT9

**Gene ID:**

22806

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.