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Anti-AIOLOS Antibody

Catalog # AP60323

Product Information

Application	WB, IF/IC
Primary Accession	Q9UKT9
Reactivity	Human, Bovine, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58023

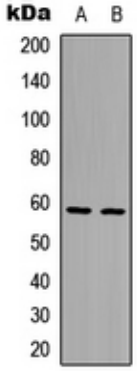
Additional Information

Gene ID	22806
Other Names	ZNFN1A3; Zinc finger protein Aiolos; Ikaros family zinc finger protein 3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AIOLOS. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

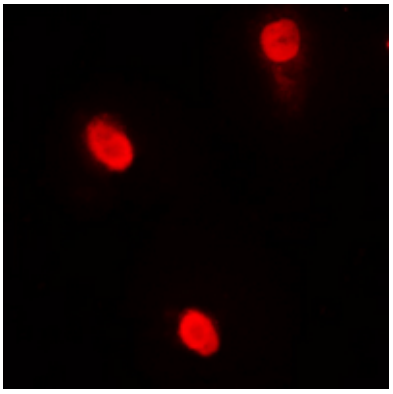
Protein Information

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.

Images



Western blot analysis of AIOLOS expression in HepG2 (A), HeLa (B) whole cell lysates. (Predicted band size: 58 kD; Observed band size: 58; 47; 31 kD)



Immunofluorescent analysis of AIOLOS staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.