

**Anti-AIOLOS Antibody**  
**Rabbit polyclonal antibody to AIOLOS**  
**Catalog # AP60323****Specification**

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**Anti-AIOLOS Antibody - Product Information**

Application	WB, IF/IC
Primary Accession	<a href="#">Q9UKT9</a>
Reactivity	Human, Monkey, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	58023

**Anti-AIOLOS Antibody - Additional Information****Gene ID** 22806**Other Names**

ZNFN1A3; Zinc finger protein Aiolos; Ikaros family zinc finger protein 3

**Target/Specificity**

Recognizes endogenous levels of AIOLOS protein.

**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 0.09% (W/V) sodium azide.

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**Anti-AIOLOS Antibody - 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

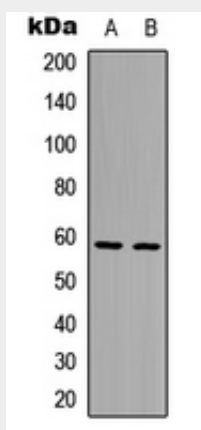
**Tissue Location**

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

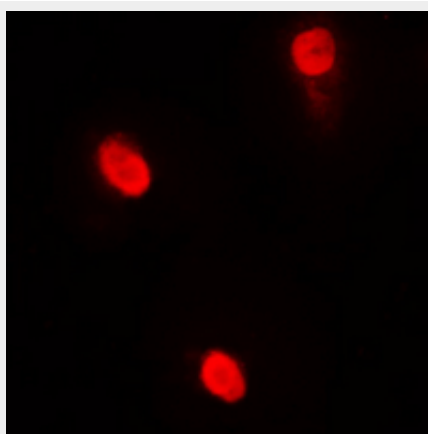
**Anti-AIOLOS Antibody - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-AIOLOS Antibody - Images**

Western blot analysis of AIOLOS expression in HepG2 (A), HeLa (B) whole cell lysates.



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 humidified 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).

**Anti-AIOLOS Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AIOLOS. The exact sequence is proprietary.