

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

Anti-AIOLOS Antibody - Product Information

Application	WB, IF
Primary Accession	O9UKT9
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~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500)

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

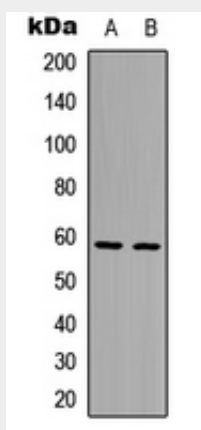
Tissue Location

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

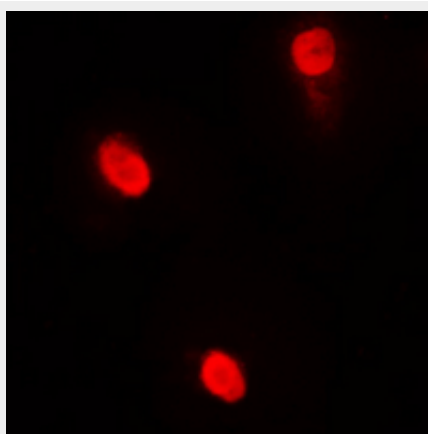
Anti-AIOLOS Antibody - Protocols

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.