

Ikaros Rabbit mAb
Catalog # AP75602**Specification**

Ikaros Rabbit mAb - Product Information

Application	WB, IHC
Primary Accession	Q13422
Reactivity	Human, Hamster
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	57528

Ikaros Rabbit mAb - Additional Information**Gene ID** 10320**Other Names**

IKZF1

Dilution

WB~~1/500-1/1000

IHC~~1/50-1/100

Format

Liquid

Ikaros Rabbit mAb - Protein Information**Name** IKZF1**Synonyms** IK1, IKAROS, LYF1, ZNFN1A1**Function**

Transcription regulator of hematopoietic cell differentiation (PubMed: [17934067](http://www.uniprot.org/citations/17934067)). Binds gamma-satellite DNA (PubMed: [17135265](http://www.uniprot.org/citations/17135265)), PubMed: [19141594](http://www.uniprot.org/citations/19141594)). Plays a role in the development of lymphocytes, B- and T-cells. Binds and activates the enhancer (delta-A element) of the CD3-delta gene. Repressor of the TDT (fikzfterminal deoxynucleotidyltransferase) gene during thymocyte differentiation. Regulates transcription through association with both HDAC-dependent and HDAC-independent complexes. Targets the 2 chromatin-remodeling complexes, NuRD and BAF (SWI/SNF), in a single complex (PYR complex), to the beta-globin locus in adult erythrocytes. Increases normal apoptosis in adult erythroid cells. Confers early temporal competence to retinal progenitor cells (RPCs) (By similarity). Function is isoform-specific and is modulated by dominant-negative inactive isoforms (PubMed: [17135265](http://www.uniprot.org/citations/17135265), PubMed: [17934067](http://www.uniprot.org/citations/17934067)).

Cellular Location

Nucleus. Note=In resting lymphocytes, distributed diffusely throughout the nucleus. Localizes to pericentromeric heterochromatin in proliferating cells. This localization requires DNA binding which is regulated by phosphorylation / dephosphorylation events. [Isoform Ik6]: Cytoplasm.

Tissue Location

Abundantly expressed in thymus, spleen and peripheral blood Leukocytes and lymph nodes. Lower expression in bone marrow and small intestine.

Ikaros Rabbit mAb - 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](#)

Ikaros Rabbit mAb - Images



