

Ikaros Rabbit mAb

Catalog # AP75602

Product Information

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

Additional Information

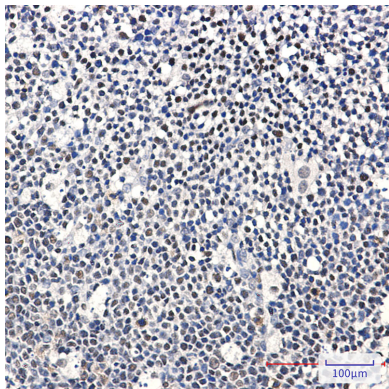
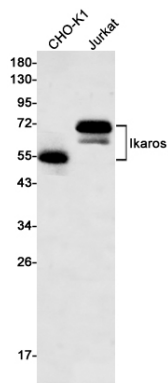
Gene ID	10320
Other Names	IKZF1
Dilution	WB~~1/500-1/1000 IHC-P~~N/A
Format	Liquid

Protein Information

Name	IKZF1
Synonyms	IK1, IKAROS, LYF1, ZNFN1A1
Function	<p>Transcription regulator of hematopoietic cell differentiation (PubMed:17934067). Binds gamma-satellite DNA (PubMed:17135265, PubMed: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 (fikzterminal 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, PubMed:17934067).</p>
Cellular Location	<p>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.</p>
Tissue Location	Abundantly expressed in thymus, spleen and peripheral blood Leukocytes

and lymph nodes. Lower expression in bone marrow and small intestine.

Images



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