

IKZF2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP50853

Product Information

Application	WB
Primary Accession	Q9UKS7
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	59574

Additional Information

Gene ID	22807
Other Names	Zinc finger protein Helios, Ikaros family zinc finger protein 2, IKZF2, HELIOS, ZNFN1A2
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20°C

Protein Information

Name	IKZF2
Synonyms	HELIOS, ZNFN1A2
Function	Transcription factor, which stabilizes the noninflammatory phenotype of regulatory T cells (Tregs) (By similarity). May possibly act via STAT5-mediated signaling (By similarity). Binds IL2 promoter and represses its transcription, possibly by epigenetic silencing, inducing deacetylation of core histones in the IL2 promoter (PubMed: 37316189). In Tregs, required for FOXP3 recruitment to the IL2 promoter (By similarity). Required for outer hair cells maturation and, consequently, for hearing (By similarity).
Cellular Location	Nucleus. Note=Associates with IKZF1/Ikaros at centromeric heterochromatin in T-cell nuclei {ECO:0000250 UniProtKB:P81183}
Tissue Location	Expressed in various types of T cells, including developing thymocytes, activated T cells and regulatory T cells (PubMed:34826260). Expressed in mucosal-associated invariant T (MAIT) cells both during their thymic development and their activation in the periphery (PubMed:34826260).

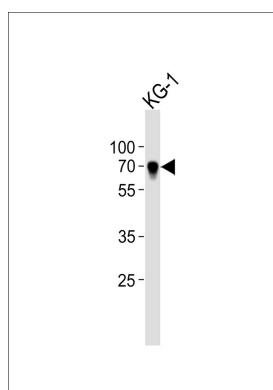
Background

Associates with Ikaros at centromeric heterochromatin.

References

Hosokawa Y.,et al.Immunogenetics 50:106-108(1999).
Perdomo J.,et al.J. Biol. Chem. 275:38347-38354(2000).
Mayya V.,et al.Sci. Signal. 2:RA46-RA46(2009).
Choudhary C.,et al.Science 325:834-840(2009).

Images



Western blot analysis of lysate from KG-1 cell line,using IKZF2 Antibody,was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.

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