

Rabbit ZNFN1A2/HELIOS/IKZF2 Polyclonal Antibody | anti-IKZF2 antibody

Anti-ZNFN1A2/HELIOS/IKZF2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125478	Rabbit	Human, Mouse, Rat	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

ZNFN1A2/HELIOS/IKZF2; Polyclonal Antibody; Anti-ZNFN1A2/HELIOS/IKZF2 Antibody; Zinc finger protein Helios; Ikaros family zinc finger protein 2; IKZF2; HELIOS; ZNFN1A2; anti-IKZF2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	500
Applicable Applications for anti-IKZF2 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	E Coli-derived human ZNFN1A2/HELIOS/IKZF2 recombinant protein (Position: M1-R477).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of IKZF2 using anti-IKZF2 antibody.



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-IKZF2 antibody	Description: Rabbit IgG polyclonal antibody for ZNFN1A2/HELIOS/IKZF2 detection. Tested with WB, FCM, Direct ELISA in Human; Mouse; Rat. Background: Zinc finger protein Helios is a protein that in humans is encoded by the IKZF2 gene. This gene is mapped to 2q34. This gene encodes a member of the Ikaros family of zinc-finger proteins. Three members of this protein family (Ikaros, Aiolos and Helios) are hematopoietic-specific transcription factors involved in the regulation of lymphocyte development. This protein forms homo- or hetero-dimers with other Ikaros family members, and is thought to function predominantly in early hematopoietic development. Multiple transcript variants encoding different isoforms have been found for this gene, but the biological validity of some variants has not been determined.
References	1. Chessum, L., Matern, M. S., Kelly, M. C., Johnson, S. L., Ogawa, Y., Milon, B., McMurray, M., Driver, E. C., Parker, A., Song, Y., Codner, G., Esapa, C. T., and 11 others. Helios is a key transcriptional regulator of outer hair cell maturation. Nature 563: 696-700, 2018. 2. Gross, M. B. Personal Communication. Baltimore, Md. 2/15/2012. 3. Hosokawa, Y., Maeda, Y., Seto, M. Human Helios, an Ikaros-related zinc finger DNA binding protein: cDNA cloning and tissue expression pattern. Immunogenetics 50: 106-108, 1999.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119220592
NCBI GeneID	22807
NCBI Accession #	NP_001072994.1
NCBI GenBank Nucleotide #	NP_001072994.1
UniProt Accession #	Q9UKS7
NCBI Official Full Name	zinc finger protein Helios isoform 2
NCBI Official Synonym Full Names	IKAROS family zinc finger 2
NCBI Official Symbol	IKZF2
NCBI Official Synonym Symbols	ANF1A2; HELIOS; ZNF1A2; ZNFN1A2
NCBI Protein Information	zinc finger protein Helios
UniProt Protein Name	Zinc finger protein Helios
UniProt Gene Name	IKZF2
UniProt Synonym Gene Names	HELIOS; ZNFN1A2
UniProt Entry Name	IKZF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.