

Datasheet for ABIN7599427
anti-IKZF2 antibody (AA 1-477)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IKZF2
Binding Specificity:	AA 1-477
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IKZF2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-ZNFN1A2/HELIOS/IKZF2 Antibody Picoband®
Immunogen:	E.coli-derived human ZNFN1A2/HELIOS/IKZF2 recombinant protein (Position: M1-R477).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-ZNFN1A2/HELIOS/IKZF2 Antibody Picoband® (ABIN7599427). Tested in ELISA, Flow Cytometry, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	IKZF2
Alternative Name:	IKZF2 (IKZF2 Products)
Background:	Synonyms: Zinc finger protein Helios, Ikaros family zinc finger protein 2, IKZF2, HELIOS, ZNFN1A2 Tissue Specificity: Ubiquitous. High expression in liver, spleen, pancreas and kidney. 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.
Molecular Weight:	70 kDa
Gene ID:	22807

Application Details

Application Notes:	Western blot, 0.1-0.25 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1×10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 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. <i>Nature</i> 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. <i>Immunogenetics</i> 50: 106-108, 1999.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.