

DATASHEET

HELIOS Rabbit Polyclonal Antibody

CAT. NO. APA11156

KEY FEATURES

Target	HELIOS	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

Transcription factor, which stabilizes the noninflammatory phenotype of regulatory T cells (Tregs) . May possibly act via STAT5-mediated signaling . Binds IL2 promoter and represses its transcription, possibly by epigenetic silencing, inducing deacetylation of core histones in the IL2 promoter . May possibly act via STAT5-mediated signaling . Binds IL2 promoter and represses its transcription, possibly by epigenetic silencing, inducing deacetylation of core histones in the IL2 promoter . In Tregs, required for FOXP3 recruitment to the IL2 promoter . Required for outer hair cells maturation and, consequently, for hearing .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

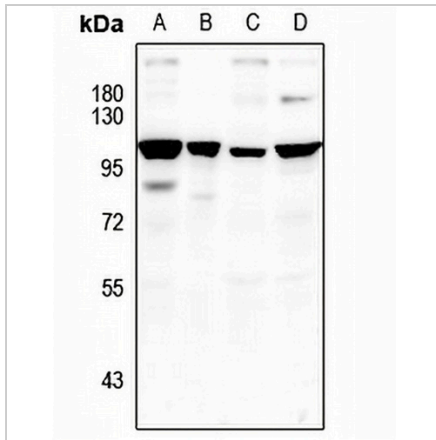
Description	Rabbit polyclonal antibody to HELIOS
Specificity	Recognizes endogenous levels of HELIOS protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HELIOS. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 59 kD; Observed: 115 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	HELIOS; ZNFN1A2; Zinc finger protein Helios; Ikaros family zinc finger protein 2
Gene Symbol	IKZF2
Entrez Gene	22807(Human); 22779(Mouse)
SwissProt	Q9UKS7(Human); P81183(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of HELIOS expression in A549 (A), MCF7 (B), PC12 (C), CT26 (D) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 115 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.