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IKZF4 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI11576

Product Information

Application	WB
Primary Accession	Q9H2S9
Other Accession	NM_022465, NP_071910
Reactivity	Human, Mouse, Pig
Predicted	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64106

Additional Information

Gene ID	64375
Alias Symbol	EOS, KIAA1782, ZNFN1A4
Other Names	Zinc finger protein Eos, Ikaros family zinc finger protein 4, IKZF4, KIAA1782, ZNFN1A4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-IKZF4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	IKZF4 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

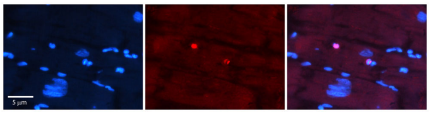
Name	IKZF4
Synonyms	KIAA1782, ZNFN1A4
Function	DNA-binding protein that binds to the 5'GGGAATRCC-3' Ikaros- binding sequence. Transcriptional repressor. Interacts with SPI1 and MITF to repress transcription of the CTSK and ACP5 promoters via recruitment of corepressors SIN3A and CTBP2. May be involved in the development of central and peripheral nervous systems. Essential for the inhibitory function of regulatory T-cells (Treg). Mediates FOXP3- mediated gene silencing in regulatory T-cells (Treg) via recruitment of corepressor CTBP1 (By similarity).

Cellular Location	Nucleus.
Tissue Location	Highly expressed in skeletal muscle, low levels of expression in heart, thymus, kidney, liver, and spleen. Expressed in the hematopoietic cell lines MOLT-4, NALM-6 and K-562. Highly expressed in THP-1 and M-07e cell lines, which have characteristics of myeloid and early megakaryocytic cells respectively

References

Perdomo,J. (2002) Eur. J. Biochem. 269 (23), 5885-5892 Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

Images



Rabbit Anti-IKZF4 Antibody
Catalog Number: AI11576
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart Observed Staining: Nuclear
Primary Antibody
Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 â€“ 2.0 sec
Protocol located in Reviews and Data.



WB Suggested Anti-IKZF4 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: 721_B cell lysate
IKZF4 is supported by BioGPS gene expression data to be expressed in 721_B

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