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ZNFN1A4 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56252

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9H2S9
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64106

Additional Information

Gene ID	64375
Other Names	Zinc finger protein Eos, Ikaros family zinc finger protein 4, IKZF4, KIAA1782, ZNFN1A4
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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

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