
Product Name: Eos Rabbit Polyclonal Antibody**Catalog #: APRab10487**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	64kDa

Antigen Information

Gene Name	IKZF4
Alternative Names	IKZF4; KIAA1782; ZNFN1A4; Zinc finger protein Eos; Ikaros family zinc finger protein 4
Gene ID	64375.0
SwissProt ID	Q9H2S9
Immunogen	The antiserum was produced against synthesized peptide derived from human IKZF4. AA range:471-520

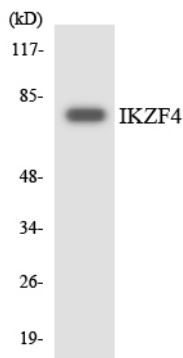
Background

Members of the Ikaros (ZNFN1A1; MIM 603023) family of transcription factors, which includes Eos, are expressed in

lymphocytes and are implicated in the control of lymphoid development.[supplied by OMIM, Jul 2002],domain:C-terminal zinc fingers mediate homodimerization.,domain:The N-terminal zinc fingers are involved in sequence-specific DNA binding and heterotypic associations with other family members.,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.,miscellaneous:'Eos' is a Greek word for rising sun.,similarity:Belongs to the Ikaros C2H2-type zinc-finger protein family.,similarity:Contains 6 C2H2-type zinc fingers.,subunit:Self-associates and interacts with other family members; IKZF1, IKZF2, IKZF3 AND IKZF5. Interacts with CTBP2, SPI1 and MITF.,tissue specificity: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 K562. Highly expressed in THP-1 and Mo7e-IL3 cell lines, which have characteristics of myeloid and early megakaryocytic cells respectively.,

Research Area

Image Data



Western blot analysis of the lysates from HeLa cells using IKZF4 antibody.