

Summary

Production Name	Eos Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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.The antiserum was produced against synthesized peptide derived from human IKZF4. AA range:471-520

Application

Dilution Ratio	WB 1:500-1:2000. ELISA: 1:40000.
Molecular Weight	64kD

Background

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

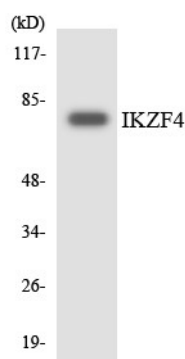
Product Name: Eos Rabbit Polyclonal Antibody
Catalog #: APRab10487



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.

Note

For research use only.