



## Rabbit Anti-ZNFN1A4 antibody

SL16417R

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| <b>Product Name:</b>          | ZNFN1A4  |
| <b>Chinese Name:</b>          | EOS蛋白抗体  |
| <b>Alias:</b>                 | EOS; Eos protein; IKAROS family zinc finger 4 (Eos); IKAROS family zinc finger 4; Ikaros family zinc finger protein 4; IKZF4; IKZF4_HUMAN; KIAA1782; Zinc finger protein Eos (IKAROS family zinc finger protein 4); Zinc finger protein Eos; Zinc finger protein, subfamily 1A, 4 (Eos); Zinc finger protein, subfamily 1A, member 4; Zinc finger transcription factor Eos; ZNFN1A4. |
| <b>Organism Species:</b>      | Rabbit   |
| <b>Clonality:</b>             | Polyclonal   |
| <b>React Species:</b>         | Human,Mouse,Rat,Chicken,Dog,Cow,Horse,   |
| <b>Applications:</b>          | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.   |
| <b>Molecular weight:</b>      | 64kDa  |
| <b>Cellular localization:</b> | The nucleus  |
| <b>Form:</b>                  | Lyophilized or Liquid  |
| <b>Concentration:</b>         | 1mg/ml   |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human ZNFN1A4:301-400/585  |
| <b>Lsotype:</b>               | IgG  |
| <b>Purification:</b>          | affinity purified by Protein A   |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.  |
| <b>PubMed:</b>                | <a href="#">PubMed</a>   |
| <b>Product Detail:</b>        | 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]   |

**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.

**Subcellular Location:**

Nucleus.

**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.

**Similarity:**

Belongs to the Ikaros C2H2-type zinc-finger protein family. Contains 6 C2H2-type zinc fingers.

**SWISS:**

Q9H2S9

**Gene ID:**

64375

**Database links:**

[Entrez Gene: 64375](#) Human

[Entrez Gene: 22781](#) Mouse

[Entrez Gene: 100361923](#) Rat

[Omim: 606239](#) Human

[SwissProt: Q9H2S9](#) Human

[SwissProt: Q8C208](#) Mouse

[Unigene: 553221](#) Human

[Unigene: 358648](#) Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human,

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|  | therapeutic or diagnostic applications. |
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