

**IKZF4 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11576****Specification**

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**IKZF4 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">O9H2S9</a>
Other Accession	<a href="#">NM_022465</a> , <a href="#">NP_071910</a>
Reactivity	Human, Mouse, Pig
Predicted	Human, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64kDa KDa

**IKZF4 antibody - N-terminal region - 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.

**IKZF4 antibody - N-terminal region - 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.

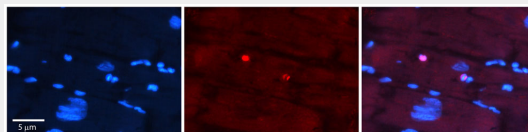
**Tissue Location**

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

**IKZF4 antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**IKZF4 antibody - N-terminal region - 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

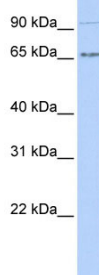
Secondary Antibody

Concentration: 1:200

Magnification: 20X

Exposure Time: 0.5 – 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

**IKZF4 antibody - N-terminal region - 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.