



# Eos Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-01697
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse;Rat
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	IKZF4
<b>Protein Name</b>	Zinc finger protein Eos
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IKZF4. AA range:471-520
<b>Specificity</b>	Eos Polyclonal Antibody detects endogenous levels of Eos protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	IKZF4; KIAA1782; ZNFN1A4; Zinc finger protein Eos; Ikaros family zinc finger protein 4
<b>Observed Band</b>	64kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	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.
<b>Function</b>	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 expressi



### 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],

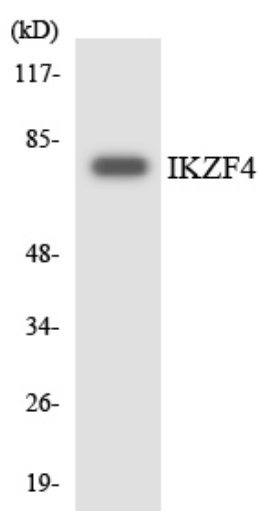
### matters needing attention

Avoid repeated freezing and thawing!

### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



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