

## Eos Rabbit pAb

CatalogNo: YT1565

### | Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, ELISA

#### MW

- 64kD (Observed)

#### Isotype

- IgG

### | Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:40000**

**Not yet tested in other applications.**

### | Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### | Basic Information

**Clonality** Polyclonal

### | Immunogen Information

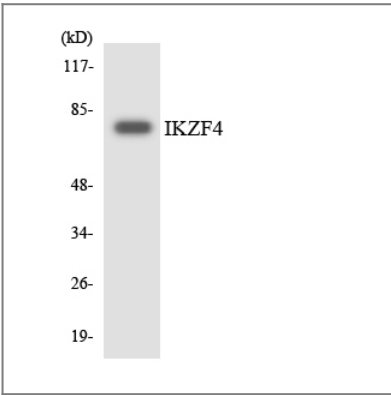
**Immunogen** The antiserum was produced against synthesized peptide derived from human IKZF4. AA range: 471-520

**Specificity** Eos Polyclonal Antibody detects endogenous levels of Eos protein.

### | Target Information

Gene name	IKZF4		
Protein Name	Zinc finger protein Eos		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">64375;</a>	<a href="#">Q9H2S9;</a>
	Mouse	<a href="#">22781;</a>	<a href="#">Q8C208;</a>
Cellular Localization	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 K-562. Highly expressed in THP-1 and M-07e cell lines, which have characteristics of myeloid and early megakaryocytic cells respectively.		
Function	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.,		

| Validation Data



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

| Contact information

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